1	UNITED STATES DISTRICT COURT
2	DISTRICT OF MASSACHUSETTS
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4	STUDENTS FOR FAIR ADMISSIONS, INC.,
5	Plaintiff, Civil Action No. 14-14176-ADB
6	v. November 2, 2018
7	PRESIDENT AND FELLOWS OF HARVARD COLLEGE, et al., Pages 1 to 155
8	Defendants.
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12	TRANSCRIPT OF BENCH TRIAL - DAY 15
13	CLOSING ARGUMENTS BEFORE THE HONORABLE ALLISON D. BURROUGHS
14	UNITED STATES DISTRICT COURT JOHN J. MOAKLEY U.S. COURTHOUSE
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PROCEEDINGS

(The following proceedings were held in open court before the Honorable Allison D. Burroughs, United States District Judge, United States District Court, District of Massachusetts, at the John J. Moakley United States Courthouse, One Courthouse Way, Boston, Massachusetts, on November 2, 2018.)

THE COURT: Good morning, everyone. Can I see the parties at sidebar for one second.

[Sidebar sealed and redacted.]

THE COURT: All right. So for the audience, we were just discussing scheduling up at sidebar. Mr. Hughes is going to close first. He's going to reserve some time, so we will take a break after his opening closing, and then we will hear from Harvard. That should take us right to the lunch break. We'll break for lunch, and then we'll come back for SFFA's rebuttal and the two Amici closings.

Mr. Hughes, I know we discussed this yesterday, but try and keep your voice up because you have a cast of thousands wanting to hear what you say this morning.

MR. HUGHES: I'll try to be very loud, Your Honor.

THE COURT: Excellent.

MR. HUGHES: Thank you, Your Honor.

PLAINTIFF CLOSING ARGUMENT

MR. HUGHES: John Hughes for SFFA.

Your Honor, all of the claims here in this case are important, but we're going to spend most, if not all, of our time today in closing on Claim 1, the question of intentional discrimination against Asian-Americans, and we'll give more fulsome treatment to the other claims in our post-trial briefing.

I want to start with what everyone knew going into this case. Asian-Americans continue to face racial bias and are often falsely stereotyped as shy and reserved, book smart and one-dimensional, perpetual foreigners or model minorities. How did that play out here at Harvard?

Harvard has a personal rating that is important to admissions that is designed to measure how outgoing or personable its applicants are, measuring subjective character traits such as likability or effervescence. And what the undisputed evidence shows is that Harvard's system for the years at issue in this case, the Harvard classes of 2014 to 2019, the Harvard admissions office awarded Asian-American applicants statistically significantly lower personal scores than it did for white applicants.

Harvard does not and cannot dispute this. Lower personal scores, statistically significant, critical to admissions.

There are two possible explanations here. There's SFFA's explanation, that bias and stereotyping explain the

disparity, not a racist conspiracy, but bias and stereotypes that even well-meaning people are susceptible to deploying. And the law is clear, in a subjective process with proof of statistical discrimination, evidence of bias and stereotyping can suffice to show intentional discrimination.

This is particularly true in a system like
Harvard's that is not race-neutral. And here, even though
Harvard has a race-conscious admission system where it claims
to consider the race of every applicant who provides it, it
did not provide bias training. It did nothing to address or
debunk commonly held stereotypical beliefs about
Asian-Americans or other racial or ethnic groups.

And this remained true even after Harvard received repeated warnings from the Harvard Office of Institutional Research that its admissions system might be imposing an Asian penalty.

And even if we give Harvard the benefit of the doubt on the Office of Institutional Research, maybe this was just a preliminary warning, its response is not what you would expect from an institution committed to preventing discrimination against Asian applicants.

Dean Fitzsimmons, despite receiving repeated analysis from OIR showing an Asian penalty, told no one else in the admissions, not Director McGrath, no one. Didn't tell his boss. Didn't tell anybody. Didn't follow up. Just

plowed on ahead. SFFA's explanation that intentional discrimination is the reason for the undisputed disparity in the personal score is the likely one.

Then we have Harvard's explanation. Harvard's explanation buys into these stereotypes that the Asian penalty is the result of Asian-American applicants not being sufficiently multidimensional: the words of Dr. Card, Harvard's expert. Harvard suggests that Asian-American applicants are a group of one-dimensional academic superstars, many of whom Harvard has decided don't have the right personal qualities for Harvard. Book smart, not personable. That's Harvard's explanation based on the ratings that Harvard's admissions officers determine.

Two possible explanations but only one persuasively lines up with the evidence. And what hopefully we all know in our hearts, Asian-Americans do not have worse personal qualities than any other group. Harvard's explanations must and should be rejected.

Now I want to turn to the evidence. And it brings us to the most important issue in the case in terms of both the modeling and the statistical fight and the evidence beyond that of intentional discrimination, and that is the personal score.

It is important for two independent reasons, and I want to make sure this is crystal clear. First, if race

influenced the personal score in any meaningful way, even if only as an avenue for Harvard to award preferences to African-American and Hispanic applicants, it must come out of Dr. Card's model. Because at that point it is not distinguishable from the overall rating. I'll say more about that in a minute.

And the reason why this is so important to the case is that Dr. Card admits that if you take the personal rating out of either the model that he reported in his original report or the model that he or reported in his rebuttal report, there is a statistically significant Asian-American penalty. So if you resolve that factual question in our favor, it ends the statistical case.

And now I want to talk about how we need to compare the treatment of the overall score, how Dr. Card and Dr. Arcidiacono treated that, and then line that up with the evidence about the personal score. And what I'm hoping to do is to connect the dots and show you that the way race is used in the overall score, a score that's supposed to consider all the information in the application and race is only a small part of that; and even so, both experts agree it has to come out.

The evidence is just as strong that race plays at least a similarly powerful role in awarding the personal score. And once we connect those dots and win that factual

dispute, the statistical case is over.

So let's look in particular, before we get to the evidence of the personal score, about what Dr. Card admitted yesterday to Mr. Mortara about the overall score.

First of all, we just had some basic questions about the overall score that Dr. Card admitted. The overall rating may be influenced by race; he agreed. Can be affected by race; he agreed. Contain some potential race-based tips; he agreed.

Then we followed up. We asked him, "Since your analysis seeks to isolate the incremental effect of race on admissions decisions, it is inappropriate to include any variable that themselves can be affected by race, correct?" And he agreed, and that any variable admission applies equally to the overall score as it does to the personal score if we demonstrate that race is influencing the personal score.

And the last piece I want to make sure that we focus on is that Dr. Card agrees that if race is influencing a score only where Harvard is administering its preferences for African-American and Hispanic candidates, if it's doing that, it has to come out, and Harvard is going to have no answer that that is happening in both the overall and personal scores and that is the testimony that I've got on the screen that's at slide 4 in your binder where Dr. Card

agrees that if race is being used to administer preferences in a particular rating, it's got to come out of the model. That's what he agreed in his sworn testimony.

So now I want to focus on the evidence about whether or not race is influencing the personal score, the dispute relevant to the big modeling choice in this case. I want to start with Plaintiff's Trial Exhibit 631, which is slide 5 in your binder, Your Honor. This is a slide that shows comparably qualified academic candidates to Harvard stratified by academic decile. We've talked about that a number of times during the trial. At the top of my chart are the most competitive candidates by GPA and SAT score, and it goes down from there.

And the first thing I want to draw Your Honor's attention to is the total column over here on the right-hand side, and we see that it is reasonable to look at the award of high personal scores stratified by academic qualification because there's a correlation between getting a high personal score and academic qualification. You can see it starts at 26. 2 percent for the top academically qualified candidates and then marches down from there. So that's the reason this is a good way to look at evidence about the personal score.

And then we turn to the racial distribution of the personal score and we see something very interesting. We see that for comparably qualified academic candidates to Harvard

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at every single decile all along the way African-Americans get the most personal scores of 2 or higher by a significant percentage. First place, every time.

Then if we look at the column for Hispanic applicants to Harvard, they get on average -- they're in second place in terms of getting a personal score of 2 or higher every single time. Then we turn to the white applicants, third place every time. And the Asian-American applicants, dead last every single time. We think this is strong evidence that race is being used in the personal score for all of these different ethnicities, and it's evidence of an Asian penalty. But I want to draw your attention to the point that I've already made; that this is clearly a place where Harvard is administering its racial preferences, the tips that it gives to African-Americans and Hispanic. And remember, Harvard has admitted -- they agree in this case -that African-American applicants to Harvard get more of a tip than Hispanic applicants, and we can see that relationship right here in the personal score data.

So now I want to turn to the comparison between the overall rating and the personal score in terms of this descriptive data that comes right of out of Harvard's open database. This is Plaintiff's Exhibit 38. It's page 19 of your deck, Your Honor. What I've got at the top, I've limited this to the top four academic deciles, the top 40

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percent of the academically competitive candidates to Harvard. And I'm comparing the overall rating distribution by race of a personal score of 2 or higher to the same thing with the personal score. And what we see is that there's a very important lining-up of the distribution of these personal scores.

So in the overall rating, where Harvard admits that it uses race to give tips and preferences to African-American and Hispanic candidates, we see that just like on the last slide that we looked at in the overall rating, African-Americans are leading the way. They're getting the highest overall ratings compared to similarly academically qualified candidates. Hispanics in second place. Whites in third. Asians last every single time. And we see that that lines up with the personal rating in terms of the pattern of that distribution, which is strong evidence that just like race is used in the overall score to award preferences, it's also used in the personal rating, and just like in the overall score, Asian-American applicants are getting awarded lower scores than similarly academically qualified applicants from other groups, the same thing is turning up in the personal score.

And the last thing I'll say on this slide is that when Your Honor asked Professor Arcidiacono whether these differences were statistically significant he explained that

they were, which is yet further evidence that we've got race both in the overall score where they admit that it's used and in the personal rating.

So now I want to turn to the last piece of data or statistical evidence that supports our view that race is influencing the personal score. That is the model that Dr. Arcidiacono ran to analyze this very issue. And I want to make sure Your Honor is clear. Now I'm on slide 31, Your Honor, Plaintiff's Demonstrative 38. I want to be clear. Dr. Arcidiacono ran a number of different models. The one we talked the most about was his preferred model, sometimes referred to model 5, which looked at the ultimate admissions outcome penalty on Asian-Americans. What I'm talking about here is a different model where he tried to determine whether or not race was the thing that was driving the differences that we just saw in the last two slides in the personal score among the four different groups that the experts analyzed in this case.

And so what Dr. Arcidiacono did is he ran a logistic regression model that controlled for everything that Harvard says explains the difference between Asian-Americans and white applicants: school rating support, teacher rating, interview ratings and so forth, controlled for all of that and yet found a statistically significant difference in the awarding of personal scores based on race.

And he had a discussion about the explanatory power. That was the whole pseudo R-squared discussion that I think Mr. Mortara resolved in his cross-examination. His model at a minimum has strong explanatory power for the difference in the distribution of personal scores based on race.

And what he found was that Asian-Americans in the personal score have a penalty based on race based on his model, and that just like Harvard admits that there are preferences, there's a boost for African-American applicants and there's a boost for Hispanic applicants, and that relative boost, African-Americans doing better than Hispanics, which Harvard admits, we see right here in the evidence.

And Dr. Card, other lobbing criticisms about pseudo R-squared, he doesn't have a model on the other side of this. He didn't try to model and isolate whether or not race was influencing the personal score. Only SFFA's expert did that. They basically got nothing on the other side.

Now I want to turn to the evidence from the admissions office about whether or not race was influencing the personal score. But before I do that, I want to make two last points. Neither Dr. Card nor any Harvard witness gave any testimony explaining, disproving or even attempting to explain the differences that we see in terms of the racial

distribution of the overall score and the personal score in terms of Hispanic and African-Americans doing significantly better than the white applicants and Asian applicants, which is alone sufficient to prove that race is infecting the personal score.

Dr. Card has zero opinions on that. No testimony on that. And no Harvard witness came in to explain that. All the evidence has gone to trying to explain the difference between Asian applicants and white applicants. And we'll have more on that later. But the fact dispute of whether race influences the personal score, they've got nothing on that point.

So now let's turn to the Harvard witness testimony about whether or not race is influencing the personal score and has to come out of Dr. Card's model. Mr. Lee said in opening that nothing has changed, nothing meaningful has changed about Harvard's admissions process since the Supreme Court blessed it in the <u>Bakke</u> decision back in the '70s and certainly nothing changed since OCR did a two-year investigation of Harvard's admissions office looking at the issue of Asian-American discrimination in 1990 and issued a 50-some-odd- page report.

And then we had carefully studied OCR's finding and wanted to make sure we understood Harvard's position on that. So when Dean Fitzsimmons came to testify, I asked him, "Do

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you think the description of how Harvard uses race in the 1990 OCR report is still accurate?" And he said, "Certainly the general description in the outlining, yes." And then we went one step further. And I asked an improper question about whether they'd ever stopped. Then I rephrased and I asked him, I said, "Since you've been dean, have Harvard admissions officers ever used race in awarding personal scores?" And he answered, "Not to my knowledge." We're looking now, Your Honor, at the testimony on slide 9.

And the reason that was important, Dean Fitzsimmons was dean way before the OCR investigation, and he's saying not to my knowledge, no one's ever used race in awarding a personal score, and his testimony is unequivocal. But it turns out that that's not what his own admissions officers told the OCR investigators in the late 1980s and in 1990. And we've looked at this portion of Plaintiff's Exhibit P555 many times. What it says is that some readers would award -consider race in the overall score in the committee process while other readers indicated that ethnicity was a factor considered throughout the entire admissions process. stated that it could be reflected in the four reiterating areas, which Your Honor knows includes the personal score. And then the other set of folks that talked to OCR said they would only ever consider race or ethnicity if the candidate indicated it was important somehow in their application.

people doing it different ways, but certainly people admitting that they were using it in the personal score.

And Harvard's reaction to this is important. They didn't institute any new guidelines after this or make any changes after this. What they did is actually, years later, doubled down on it in 2012 when the Harvard Office of General Counsel went back to OCR in 2012 responding to a claim of Asian-American discrimination and told OCR that the description OCR had put in that statement of findings that we looked at about how race is used in the Harvard admissions process was still accurate as of 2012.

And I want to try to pause and see if we can make a little sense of this incongruity about what Harvard says today and about what Harvard told OCR in the past. Harvard wants to suggest today that it's had an iron-clad prohibition on the consideration of race in the personal score from time in memorial. The OCR evidence just fundamentally disproves that, as does Harvard's reaction to the OCR evidence.

And the reason this can make sense is that it would not be, Your Honor, automatically unlawful for Harvard to use race in the personal score if they did it in a defined and narrowly tailored way. If that's how they decided they wanted to award their preferences for the candidates that they have determined need tips, if they did it within the confines of the law, they could do it that way. And it turns

out the evidence shows that's what they've been doing. We see the substantial preferences for African-Americans and Hispanic applicants in the personal score.

The reason that this has turned into such a big deal in this case is because once the experts were hired and everybody starting to crunch the numbers, people realized that if Harvard admitted that it was using race both in the overall score where it has admitted that it has done so forever, and in the personal score, then they had a real problem with the statistical analysis in this case. So now Harvard is trying to build this defense that race isn't used in the personal score, but it's not consistent with the things that it said in the past. And I think that gives a little explanatory power to what we've seen in term of the evidence of OCR.

Now I want to turn to the evidence about what Harvard's admissions officers said about the use of race in the personal score. And now I'm on slide 12, Your Honor. And I've got some clips of testimony from some of the witnesses that came to testify here at trial on this issue. And I think we all remember Mr. Mortara's cross-examination of Mr. Looby, who came in here and changed his testimony on things from his deposition many times. And I want to get into the specifics of what he said on the personal score in a minute, but I want to frame the credibility of what happened

with Mr. Looby, who went to a deposition, and all he had to do was tell the truth about how he does his job, the thing he does every day. Not that hard to do.

And he was asked questions about how he considered race, which is what this case is about, and other things about how he did his job. And he gave honest answers because it's not hard to give honest answers about how you do your job. But some of the things he said were a real problem for Harvard, like what we've got on the screen right here, where we're impeaching him with his deposition at trial, and his deposition testimony was, "You were asked whether you would take a student's race into account when assessing his or her personal qualities," and his answer was, "Just like with the academic rating, it's one factor of many I consider." And he said it in other places, too, and Mr. Mortara had to impeach him over and over again.

And what we learned is that even though he had an errata and a chance to correct that testimony, that never happened. Instead he spent ten days with Wilmer lawyers for three plus hours a day to come in and give the testimony that he gave, and you can judge the credibility of what happened there.

But then we get to the next witness, which is
Charlene Kim, and I thought she gave some pretty important
and interesting testimony on this issue which illustrates how

race is used in the personal score. Mr. Strawbridge asked her, "When considering the personal score, you also think about how the applicant will add to the community, correct?" She says, "Yes," and gave an explanation. The very next question we asked her, "You would agree, right, that a student's race or ethnicity is part of how they can help add to the community?" And she says, "Yes." So she's connecting those dots between the things that she's considering in terms of personal score, how will they add to the community, which is consonant with all the subjective characterizations that we've heard of what the personal score is trying to measure.

And one of those things that admissions officers at Harvard have in mind is that the reason they use race in the admission system is to add to their community in terms of making a diverse campus. And so it's hard, I think, to disentangle the consideration of race and the considerations that go into awarding the personal score. And that's exactly what we see from Charlene Kim's testimony.

And the last example that I've got here on the slide is the testimony of Erica Bever. And we asked her, Mr. McBride asked her, "Does race ever factor into an applicant's personal rating?" And the answer we got was one that you heard over and over again. We, in our war room, called it Harvard's slogan, was "No, not per se." We heard that from Dean Fitzsimmons, and even Dr. Card picked up on

it. But what she explained was, she said, "I may not -- the fact that they're a particular race but certainly students might write about their background and things like that that would inform my personal rating and what I give in the personal rating."

And the reason this is important is remember back to Dr. Card's admissions on the overall score, what we need to demonstrate is that there's an influence of race on the personal score one of the many things people are considering in awarding that score, just like in the overall score. And if we connect those dots, it should come out of the model because Dr. Card agrees any variable that's influenced has to come out.

And the reason Ms. Bever's testimony is important and other witnesses that gave testimony like it, is that we know that many applicants to Harvard are writing about their experiences facing discrimination, their identity in terms of ethnicity or race, and we heard a lot of that testimony on the day that we had the students testify, which is evidence that that is in front of these admissions officers in many instances and is necessarily, based on the kind of testimony that we saw from witnesses like Ms. Bever, going to lead to the consideration of race in the personal score.

And any doubt about all of this is resolved I think by the testimony that Dean Fitzsimmons gave on both these

issues, on the overall score on the one hand and the personal rating on the other hand. And I've got that testimony on the screen, and it's slide 13. And he was asked about the overall rating. "How can race be considered in the preliminary overall rating?" And he answered, "If as the --you're doing your preliminary overall rating, if you think that this might be an additional little element that might be helpful in terms of making a case that this person, as I say, might be an unusual educator of others, the person might decide to factor that into the preliminary overall rating." So a very hedged view of how race might affect the preliminary overall rating. But that kind of relationship between race and the preliminary overall rating was sufficient for both experts to determine that variable was influenced by race and it had to come out.

And we see the same kind of thing when he's asked on the personal rating, "Can circumstances related to someone's race or ethnicity result in facts, circumstances or events that are useful in assigning the personal rating," he answered, "Sure," and then goes on to give an answer similar to Ms. Bever about people writing about overcoming discrimination and other life experiences.

So there's really no way to differentiate the role that race is playing in these two scores, which is why the personal rating has to come out of Dr. Card's model, and the

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statistical case is over once you resolve that factual dispute in our favor.

And the last point that I'll make here is that Harvard's new reading procedures that we talked about with Director McGrath yesterday, we view, are remedial measures prohibiting the use of race in the personal score, and that evidence is probative of Harvard's use of race in the personal score in the past. I'll have more to say on the new reading procedures in a bit.

So that brings us to Dr. Arcidiacono's model. And I've got the results of his admissions outcome model on the screen. And this is the model that he ran. It was called his preferred model, sometimes referred to as model 5, with all of his variables to determine whether Asian-American students were facing an admissions penalty, outcome penalty, in applying to Harvard. And he ran it on both the baseline dataset which excluded the athletes, the legacies, the children of faculty and staff and dean's list, ALDCs, and he ran it on the expanded dataset which included everybody but the 1300 athletes that were included in the dataset. And in both of those analyses he showed a statistically significant outcome penalty on Asian-American students for admission to Harvard. And as Your Honor knows, this model leaves in the preferences for African-American and Hispanics. It's just measuring the Asian penalty.

So then we get to Dr. Card's criticisms of this model. And I'm going to talk about how Dr. Arcidiacono addressed those criticisms. Dr. Card criticized Dr. Arcidiacono for removing the personal rating for failure to include parental occupation and intended career variables. And, Your Honor, I'm on slide 15 right now, looking at Plaintiff's Demonstrative 38. And he had some other criticisms. And what Dr. Arcidiacono did is he did a robustness check on his model and addressed most of the criticisms that Dr. Card made, and he still found the statistically significant Asian penalty.

And this now brings us to the issue of the ALDCs, because this robustness check, the evidence that you have in front of you, was only run on the baseline set. It's where the ALDCs were removed. And so in terms of the statistical case and the modeling choices, Your Honor, the ALDC issue is really only relevant at this point, from our perspective, to two things. One is the reliability of the robustness check because it's run without those in the group; and two, if you decide that it's appropriate or at least a reasonable choice to exclude the ALDCs from the pool, it increases the size of the Asian penalty, but it's not required to get us there under Dr. Card's model or under Dr. Arcidiacono's model either.

So let me say, let me now try to address the ALDC

issue, which has been the subject of testimony and questions from the court on a number of different instances. And first I've just got Plaintiff's Exhibit 634 up on the screen, which just kind of sets the stage with some basic data about this group, which is that, on average, the admission rates you can see across the bottom, whites are admitted 43 percent of the time, Asians 44, African-Americans 46 and so forth, the admit rate amongst the groups is very similar, and the group is overwhelmingly white. 5,000 white applicants. Only 840 Asian applicants in the group. So that's what we're seeing in the group.

But there's been maybe some confusion or at least some confusion on my part as I listened to the evidence on this issue and how it relates to the issues in the case that Your Honor needs to decide. So let me see if I can clear up what the experts had to say here. First, the experts agreed that the evidence in the case shows that Asian ALDCs are awarded lower personal scores than white ALDCs; the bias and stereotyping runs pool-wide. Second, the experts agree, including Dr. Arcidiacono, that there is not a statistically significant admissions outcome difference for Asian ALDCs. In other words, even though there's a penalty on the personal score for Asians in this group, the models don't show that the applicants from this group are facing a statistically significant outcome penalty. In other words, they're getting

admitted to Harvard. And the way discrimination works in this case is if you're not admitted to Harvard on the basis of your race, which is why we're not claiming that there's discrimination in that pool for this very small amount of Asian-American applicants because we can't see a statistically significant outcome penalty notwithstanding the difference that we see in the personal score.

And let me try to put a little meat on the bone for why that might be true. We'll return to Dr. Card's "on the bubble" demonstrative that's on slide 17 in your binder. And what he explained is that when you're up on the right-hand side, up on the top of the bubble, that's when you've got a really good chance of getting in, and that's when some of these preferences can really help you.

And we've heard evidence about how very qualified a lot of these ALDC applicants are, they're very strong. And what we see is they're going to be at the high end of that bubble, many of them. And we see on Dr. Card's next slide, which is on page 18 of your binder, there's a very significant bump-up for lineage for ALDCs, particularly at the top of the bubble. That's what we're seeing in the eight, nine and ten columns in his bar graph. And I think it turns out that the boost of all the applicants in the ALDC group, including the Asian-Americans, is overwhelming of relatively smaller personal score penalty that we're seeing

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for Asian-Americans in that group. And there may be other things going on as well. As you can see from the demographics slide, there's not that many Asian-Americans in the ALDC group. There may be other things about them. But for whatever reason, we're not seeing a statistically significant outcome penalty in terms of admissions to Harvard, which is why we're not claiming a discrimination for that part of the applicant pool.

Now, turning to the modeling question, which is a different question, whether it's appropriate to remove ALDCs from the group and analyze the rest of the pool. And the reason we say that it is is that these applicants are categorically different than the rest of the applicants to Harvard. They get in at about, on average, 45 percent admit rate versus about a four and a half to five percent admit rate to the rest of the pool. Many of them have ties to the college. Many of them get a staff interview. They're just engaged. They're a different group than everyone else. And what that means is by including them in the group in terms of the modeling effect, Dr. Arcidiacono explained this, it dilutes the power of Harvard's ratings because Harvard's ratings turn out not to matter as much for this group that's getting in at a wildly higher rate than the rest of the pool, and removing them helps us to give an apples-to-apples comparison for the vast majority of Asian applicants are not

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in that part of the pool, and we want to compare them to similarly situated applicants, not to the ALDCs, which are kind of categorically different.

And the last thing I'll have to say on the modeling choice is that Harvard's suggestion that this is somehow a methodologically flawed approach is a bit in tension with how it's treated the OCR report from 1990. It's held that up as exonerating them and is good evidence for them. And what happened there is that Harvard told OCR to look at and analyze the question of Asian-American discrimination by removing ALDCs from the group. And this happened a long time ago in the trial, but I want to remind Your Honor, looking at slide 19, that what OCR did with its logistic regression model is it ran one on the whole group and then another one by removing ALDCs from the pool that it ran its logistic regression model and conclusions from that, and Harvard has touted those conclusions and even basically encouraged OCR to take this approach, so the suggestion that there's some fatal methodological flaw for doing that doesn't really hold up. And as I've explained, at the end of the day, it turns out to be not all that important for the modeling in this case.

So now I want to turn to our additional evidence of intentional discrimination beyond the statistical evidence.

And here I want to start with the evidence from the Office of Institutional Research. I want to begin by putting that

evidence in context. The evidence is important for two reasons, Your Honor. First and foremost, Harvard's lack of response to evidence of potential discrimination against Asian-American applicants is evidence of intentional discrimination.

And we're not going to focus on the law much, at least I'm not today, but I've got a case up on the screen, Columbus Board of Education, that gets at that basic point.

"Actions having foreseeable and anticipated disparate impact are relevant evidence to prove the ultimate fact, forbidden purpose." And the point is here that the OIR evidence is evidence of intent, even if you concluded that it does not definitively establish an Asian penalty in fact, even if it doesn't ultimately answer the statistical evidence, because it's evidence of a potential problem that Harvard knew about in its admission systems. And as we'll walk through in a minute, the response of Dean Fitzsimmons and Harvard to that, forging ahead, is evidence of intentional discrimination.

And the second reason it's relevant, we do think it puts a thumb on the scale for the ultimate fact question on whether there is an Asian penalty because they found one, as we'll talk about in a moment, and that was done before any lawsuits were filed or anybody with a point of view hired an expert. So it's something that was done before litigation that happens to line up on our side with Dr. Arcidiacono,

done by a group that everybody, including President Faust, admitted yesterday did solid, reliable work that's relied on all the time by people at Harvard.

So now let's turn to the evidence about OIR. We've fought long and hard to get P9 into evidence, Your Honor. Harvard says Dean Fitzsimmons didn't see it and that it was an early draft. We don't think that's particularly credible. We think he did see it and that it does show an Asian penalty, including in the personal score. But we don't need P9 to prove our case, so I'm not going to focus on it today.

I'm going to start with P12 in terms of what we're going to focus on, and there's no dispute -- and now I'm on slide 22, Your Honor -- that Dean Fitzsimmons saw this at the February 25, 2013 meeting with the people from OIR, Erin Driver-Linn, Erica Bever and Mark Hansen. And I want to put the timing of this meeting in context because, as Your Honor knows, in late 2012 there was the Unz article and the David Brooks article on Christmas Eve in the New York Times raising the issue of whether or not Harvard is discriminating against Asian-American applicants. And that set off a firestorm within Harvard, emails going to the provost, to the president, to all the top deans, to Dean Fitzsimmons, to people within OIR, emails flying back and forth all over the holiday break and into the new year.

And we saw additional evidence that alumni and

donors were getting in touch with Dean Fitzsimmons, looking for a response, asking what they were doing. So the context of the February 25 meeting has to be viewed in light of the fact that there was significant focus amongst not only people within Harvard administration but also from the alumni and donor network focused on precisely this issue of whether or not Harvard was discriminating against Asian-American applicants to Harvard.

So I want to walk through P12. But before we get into what it says and go through it one last time together, I want to show Your Honor how Harvard described this document in its summary judgment papers and then what Dean Fitzsimmons had to say about it when he came to testify here under oath at trial.

In the summary judgment papers, Harvard said the documents originated within OIR were not in response to a request from the admissions office; that the analysis in question was not directed to whether there is bias against Asians in college admissions at Harvard; no person outside of OIR asked OIR to conduct the analysis; the work done by OIR employees was not intended to address whether Asian-American applicants were experiencing discrimination, and did not answer the question.

Then when I asked Dean Fitzsimmons about this evidence at trial, he agreed that it was part of the work

that his office, the admissions office, was coordinating on with Harvard's Office of Institutional Research at least in part related to the concerns about, that came around the Unz article and discrimination against Asian-Americans. He said that would certainly be part of it, and that OIR ran logistic regressions model for the admissions office. I'll leave you to judge the credibility of the incongruity of these two descriptions. But we think it goes to the spin that Harvard is trying to put on the OIR story, both back at the summary judgment stage and here at trial.

So the question of whether or not this was a study into whether Asians were being disadvantaged in Harvard's admissions process is actually answered on the third page of Plaintiff's Exhibit 12, which is slide 24 in your binder. And one of the things that it analyzed in this document is does the admissions process disadvantage Asians. And the interesting thing about this language is it was put into this PowerPoint presentation by Mark Hansen, who came here to testify. And when I asked him questions on the stand here about whether he was doing analysis about whether the process disadvantaged Asians, he wouldn't give me answers that were straight with his testimony. I had to impeach him two times with his deposition on language that came right out of the document that he edited, which is just more evidence about Harvard's credibility or lack thereof on this issue.

So what did P12 actually show? Well, turn to page 34 of P12, and we've looked at this a lot. And what it shows is that Asians are disadvantaged by the personal score and demographics. That's because if you look at model 3, when extracurricular and personal score are put into the model, the Asian percentage of the class goes substantially down. And when this evidence was provided to Dean Fitzsimmons, he admitted on the stand that he knew that as a group Asian-American applicants were doing better on the extracurricular scores, so what was doing the work here was the personal score operating as an Asian penalty. And we see that the Asian percent of the class goes down once ethnicity and race is included in model 4.

So Dean Fitzsimmons understood what was happening here. He understood that OIR did serious reliable work. And if there were any doubt about what the results of this study raised in terms of the possibility of whether Harvard's process was biased against Asian-Americans, that doubt is entirely put to rest by page 38 of P12, which questions raised about admissions, is there bias against Asian in college admissions. That's the question that OIR is raising here.

And Harvard's response to this document is not in my mind credible. First Harvard says the study was preliminary. It does say that with bold and underlined on a

page that we've seen many times. And evidently, to Harvard, that's a word that captures all sorts of unstated criticisms to the model, even though no one wrote any of those criticisms down at the time or can even remember anyone verbalizing them today. And of course we saw yesterday that the word "preliminary" appears on lots of OIR work, including work that potentially went to the board.

And Dean Fitzsimmons' response was not one you would expect of an institution concerned with whether there was an Asian penalty, especially in light of all the attention this issue was getting — this issue was getting at Harvard at the time. The response to a preliminary warning would be at least to tell Director McGrath who he'd worked with 30 years to try to see if there was a problem, but he didn't do that or tell anyone else. The only response is the study merely confirmed what he already knew, but that's not much of an answer at all because the study showed Asian-Americans were being penalized in the admissions process and raised the possibility of bias right here on the screen.

So the suggestion that this lined up with expectations is at best evidence of willful blindness to a serious discrimination problem or worst evidence that Harvard knew about the problem all along. But even if you give Dean Fitzsimmons and Harvard full credit, 100 percent credit for

their explanation to P12 and what was going on February 25 when this was delivered to Dean Fitzsimmons, and even if you forgive the description of this document at summary judgment, there is no way Harvard can get past the rest of the OIR evidence that shows an Asian penalty.

And I want to go to a timeline here that I've made starting on page 28. And what we've got here is that on April 15 -- April 15, 2013, Dean Fitzsimmons is asking OIR to analyze whether low-income applicants to Harvard are getting a tip or a boost in admissions to Harvard, and that was kind of similar to the Asian-American discrimination issue. At the same time there were articles in the press criticizing elite institutions like Harvard for failing to do enough to get low-income students admitted to their campuses. So Dean Fitzsimmons asked the same researchers at OIR that prepared P12 to take a look and see whether low-income students were getting a tip to Harvard.

And he got his answer on Plaintiff's Exhibit 21 on April 22. And he was supplied some slides, three slides in that exhibit, Your Honor, including one that showed the output of the logistic regression model. And when I asked him what this showed, and the testimony is here on the screen, is that what these slides showed to him from the logistic regression model, it's very similar to the model that was in P12, is that it was in fact empirical proof of a

tip for low-income applicants. No qualifications, no hedging, empirical proof that there's a tip, which is just the opposite of a penalty, and we'll get into that in a minute.

And he was gratified. He was happy to receive these results because Harvard laudably does want to give a tip to low-income students, and he wanted to share that information more broadly, a fact that he shared with Erin Driver-Linn. But Dr. Driver-Linn, the director of OIR, had some concerns about sharing that information more broadly, so she got in touch with the top PR person, Christine Heenan, at Harvard, one of the top PR people, on April 28. And she said that Dean Fitzsimmons is excited to share this information, but there may be some concerns. And she explains to Christine Heenan that Fitz asked us to do some analysis of thumb on the scale for low income. It could be a positive message but has implications for need-blind policy as well as opening the door for Unz-like requests for information about other thumbs on the scale.

So why was Ms. Driver-Linn concerned that the information that Dean Fitzsimmons was providing on April 26 -- April 22, why was she concerned that would open up the door to the Unz-like Asian-American discrimination requests? We see that in the draft of the memo that was ultimately provided to Harvard on May 1. And I've got it here on the

screen, Your Honor, it's on slide 31 in your deck,
Plaintiff's Demonstrative 41. And this is the draft that OIR
is writing. And they say "On the flip side, we see a
negative effect for Asian applicants." This is in the same
study about low income. "These realities have also received
intense scrutiny from critics like Bowen or more recently Unz
as we have discussed at length. To draw attention to the
positive benefit that low-income students receive may also
draw attention to the more controversial findings around
Asians or the expected results around legacies and athletes."
This is the draft memo by OIR addressed to Dean Fitzsimmons.

And when Dr. Driver-Linn came here to testify at trial, she admitted the realities that were discussed at length concerning the negative effect on Asian-American applicants. That discussion occurred at the February 25, 2013 meeting. That's her testimony, and this is her contemporaneous memorialization of what happened at the time, which is considerably more credible than the explanations we're getting now, is that no one saw the Asian penalty in these documents.

Which brings us to the final memo that was delivered to Dean Fitzsimmons on May 1, which is Plaintiff's Exhibit 26. And again it has — this is the edits to that narrative that we just looked at, but it still makes clear that there are demographic groups that have negative effects,

and the only demographic group in P26, as we'll see in a minute, that has a negative effect are Asian-Americans.

So what happened when we discussed this evidence at trial? I reminded Dean Fitzsimmons that he had agreed that the logistic regression model here provided empirical evidence of a low-income tip, and in asking him about Exhibit 26, I said, "It provides more empirical evidence about how the Harvard admissions process works," and then he agreed with that. And then we went to look at that additional empirical evidence, and this is the table in P26 that appears just above the narrative about negative effects on certain demographic groups, and Dean Fitzsimmons was ready to admit he understood that the estimate coefficient that we have here for the low income of .98 was positive associated with admission to Harvard, unqualified yes testimony.

And then when I asked him whether the coefficient for Asian, which has a negative sign in front of it, was a sign that there was a negative relationship between being Asian and admission to Harvard, he suggested that he couldn't interpret that because he wasn't an expert in statistics. I don't think it requires that much expertise to interpret that. But we learned the next day after I went back and reviewed his deposition is that he was reasonably well-informed with modern statistical techniques. He had previously taught a course in statistics, admittedly a long

time ago, and that he had been part of studies at Harvard using logistic regression in the past. He was very familiar with the term "logistic regression." And we read some testimony in from Dr. Driver-Linn's deposition that's part of the record in this case, and she volunteered in her deposition that they felt comfortable showing preliminary work to Dean Fitzsimmons because he loved to talk about statistics and he presumably still does.

So the idea that that Asian penalty that's reported right there in P26 wasn't understood by Dean Fitzsimmons is not credible. It's from the same regression model that they admit provides evidence of a tip for low income. The same regression model shows a penalty, a negative association with being Asian to admission to Harvard. And if there is any debate about what that negative coefficient means, it's fully resolved in the two paragraphs below the table which say it shows a negative effect on certain demographic groups. The only demographic group that is there are Asians that are treated negatively.

And what Harvard says about this document is, well, it wasn't meant to study whether there was a negative effect of being Asian in the Harvard admissions process. The assignment was to go out and study whether or not there was a tip for low income. So we can I guess then just ignore the evidence about an Asian-American penalty. But that excuse

doesn't add up.

If you tell OIR to do an assignment, and it finds like what you like on the one hand with a tip for low income and what you don't want to focus on that you don't like on the other hand, you don't just get to ignore racial discrimination because the original assignment had to do with something else.

So here we have OIR communicating about the Asian penalty. And what happened next? What happens next is that Dean Fitzsimmons asked for a follow-up to see whether or not there was a tip for low-income Asian-American applicants. And that gets into P28. And I think, Your Honor, something in my mind pretty incredible that happened here at trial is that Mr. Lee, in opening and then again when he was examining Dean Fitzsimmons, they both represented to this court that P28 shows a boost, a benefit, a tip for low-income Asian applicants to Harvard. And there are some ways to read that document which suggests that that could be true.

But what the document also definitively unquestionably shows from the same regression analysis performed by OIR is that for 82 percent of the Asian applicants to Harvard who are not low income -- and I've got the demographic data right from that exhibit -- for those 82 percent in the same document where they say low-income Asian applicants get a tip, it shows that the 82 percent that apply

get hammered with a penalty.

And there's no way they can have it both ways. So they knew there was a penalty. They did nothing about it, and that is alone sufficient for us to carry our burden and have proof of intentional discrimination, especially in the face of the reaction where no one in the admissions office was told, not Director McGrath, not anybody, no further steps were taken to look into this and dig into it deeper. After this, it was just business as usual.

So the OIR evidence shows there's a real possibility of bias in the system, a statistically significant penalty for Asian-Americans. Harvard ignores it.

Now I'd like to review the evidence of bias in Harvard's admissions process. And I want to start with just a brief touch-and-go on the law. Now I'm on slide 32, the Thomas Weisman Kodak case, which is that we don't have to prove racist cabal. I don't think the evidence would support that. What we have here is the ultimate question of whether the employee has been treated disparately because of race.

This is regardless of whether the employer consciously intended to base the evaluations on race or simply did so because of unthinking stereotypes or bias. And that's what we think the evidence lines up with in this case. So what I want to focus on now is the evidence of bias, both implicit evidence of bias and explicit evidence of bias. And

I want to start with explicit evidence of intentional discrimination against Asian-American applicants that happens in the recruiting process at the very front end. And this brings us back to where we started the trial: to sparse country. And what happens here is that Harvard spends out invitations to people to apply to Harvard as part of its important recruitment techniques. And Harvard admits that these recruiting efforts are part of how Harvard consciously shapes its class.

And here what Harvard does is that it invites white applicants to apply to Harvard in sparse country with scores as low as 1310, but Asian men and Asian women from those same states, from those same schools, have to have a 1370 if you're a man, 1350 if you're a woman to get applied. And there is no reason to do this, other than race. It's the only difference, and that is intentional race discrimination plain and simple. No other explanation.

And the interesting thing, when I confronted Dean Fitzsimmons with this testimony, I actually thought he might say, Gee, I didn't know about this. We should take a look at it. There's not that many people in sparse country, although there are significant Asian communities in Phoenix and Las Vegas and New Orleans and other places, but instead he gave an innocence answer that I thought was very interesting. He explained, when I confronted him with this evidence, that

there were some people in sparse country who have only lived in a sparse country state for a year or two. Let's say that can happen. Then on the other hand there are people who have lived there for their entire lives. And this is precisely the kind of stereotyping and bias this case is about. Because the new arrivals in this answer are the Asian students, stereotyped as perpetually foreign, while the folks who have lived in sparse country forever are the white kids that Harvard is expressly preferring in this situation.

Now that brings us to the part of the process that starts once applications are being reviewed. Where do we see the evidence of bias or stereotyping? We come back to the personal score. We've talked about how it's important to the statistical analysis, but it's also independently important of evidence of discrimination within Harvard's admissions process because it's at least in part based on subjective determinations by the admissions office about personality.

And Mr. Mortara made a couple of demonstratives with the witnesses on this subject during the testimony.

I've got the one that he made with Mr. Looby on the screen, which I believe is slide 45 in your notebook, Your Honor.

And they went through that the personal rating gets at who the person is, what the person brings to the community, which I'll remind you connects right back to why Harvard uses race in its admissions process, whether they work well with

others, meaningful relationships, likability, positive personality, all subjective characteristics. And then he made a similar demonstrative with Director McGrath, same kinds of things, likability, good person, integrity, helpfulness, courage, kindness.

We've seen all of this, very subjective determinations, that Your Honor knows by and large the admissions officers in the Harvard admissions office are awarding this personal score on a cold record, on paper, without having met anybody. And that's precisely where bias can creep into a system where race is considered for every applicant who provides it and throughout the process. And we actually heard testimony about this bias issue from several of Harvard's witnesses. We heard about it yesterday from President Faust, and she agreed that research on implicit bias shows that everybody has some implicit bias. And she even agreed that Harvard has a responsibility to ensure that bias is not leaking into its admissions decisionmaking process in any form. She said Harvard should do its utmost to address questions of bias.

And we also heard from Dr. Simmons, when she was asked about some research that she and others had done on how women were treated in higher education. And we confronted her with decades of cognitive psychology research reveals that most of us carry prejudice of which we are unaware and

nonetheless plays a large role in our evaluation of people, and that in every study that's been examined there's a significant effect of bias based on the gender or race of the person being evaluated.

So this is all true in our world. And we know that there are the stereotypes that we talked about at the beginning. And when you have a subjective process and we know that bias is possible, bias around race, bias around gender, the fact that Asian-American applicants face a statistically significant penalty on the subjective personal rating year after year is pretty strong evidence that bias has crept into, leaked into the system. And it's particular true when you analyze that in the context of some of the admissions officers that we asked about this issue.

We actually asked, Mr. Strawbridge asked Charlene
Kim when she came to testify. She's been there eight or nine
years. And he asked her, "You would have no explanation if
Asian-Americans were to receive year after year lower
personal scores than white applicants, for example, correct?"

"That's not what I see as a member of the committee."

"That's not been your experience during your nine years on the admissions committee, has it?"

"It has not."

And the reason that's important is we know there's

a statistically significant difference in that score. Her expectation is that she wouldn't see that. She's not pointing to personal scores or teacher supports or some kind of difference that she observes kind of categorically about a group by the data. She says we wouldn't expect to see that. And that's evidence that bias has crept into the system, even if it's implicit or unconscious bias. That's what we see here. And we've got similar testimony from Director McGrath along the same lines that it wouldn't be her experience, again, evidence of bias. So when the empirical disparity is incongruous with the expectations of long-time admissions officers, that's when you know you might have a problem.

So what is the bias that is creeping into the process? We actually heard some interesting testimony on this from Dr. Chin, who is an Asian-American studies professor who is an alumni interviewer who came here to testify on Monday. And she actually wrote an article that you may remember in 1983 looking at this issue of how bias could affect personal ratings in admissions to Harvard.

And, she in that article, and we talked about it with her on the stand, helpfully categorized some of those stereotypes or biases that have been deployed over the years against Asian-Americans. And one of them was this concept of over-representation, the idea that Asian-Americans are only 5 or 6 percent of the population as a whole but have a

significantly greater percentage of the admitted class at elite institutions like Harvard. That's one of the things that she identified as a stereotype.

And it was interesting to us that Dr. Arcidiacono was questioned on this very issue for reasons that were unclear to us. But again, this is the kind of thing that Dr. Chin identified. And then the other types of bias that we've seen in this case, one is the idea that there is a career-focus bias. And we've seen that in this idea that Asian-Americans are stereotyped as being overly interested in math or science or doctors. That's a bias that can creep into the system and one that's potentially crept into Dr. Card's analysis in his intended-career variable where he says that explains the discrimination against Asian-Americans, and yet we see that variable shows that a lot of Asian-American applicants to Harvard do want to be scientists or doctors.

And then we've got the next stereotype that's been identified both by Dr. Chin in her article and in the OCR, this idea of passive personalities, shy and so forth, yet another stereotype that's been identified. And finally we've got this idea of the model minority, which again was identified both by Dr. Chin and in the OCR report. And to round it out, we connected the dots with Dr. Chin and we asked her, you know, "Vestiges of this history remain. Today Asian-Americans continue to face racial bias and are often

falsely stereotyped as timid, exotic perpetual foreigners or model minorities." And we asked her what this means is that Asian-American still face some of the same kinds of stereotyping that you wrote about in your 1993 article, and she said, "Some of them, yes."

So that's the kind of bias that can leak into the system here. And that brings us back to the new reading procedures, which is an important piece of the evidence for Your Honor to consider. Of course we know now, Your Honor, that there were some problems with the testimony of Dean Fitzsimmons and Director McGrath on the existence of written guidance around the use of race in the admissions office when they came to testify the first time.

Your Honor is familiar with that testimony. And whether you ascribe a sinister motive or not to what happened here, the fact of the matter is that the new guidance is powerful evidence for our case for a couple of reasons.

I'll talk about why. As we discussed, Charlene Kim, Director McGrath, we just looked at the testimony, they did not expect to see a personal score disparity, but it's in the data nonetheless. It's statistically significant. So what we had happen here is Harvard took corrective action. It changed its reading procedures to ban the consideration of race in the personal score and more importantly to the stereotyping issue that we've been talking about, exhorting

readers not to overvalue extraversion.

And I've got here now on slide 57 at your deck, reading procedures for the class of 2023 that Mr. Mortara and Director McGrath talked about yesterday. And again, it says, "It is important to keep in mind that characteristics not always synonymous with extraversion are similarly valued. Applicants who seem to be particularly reflective, insightful and/or dedicated should receive higher personal ratings as well." A corrective step to combat some of the bias and stereotypes that leaked into the Harvard admissions office. We know they leaked in because of the statistically significant disparity in the personal score.

And Director McGrath, to her credit, admitted that this instruction is designed to make sure that your admissions officers do not fall prey to implicit bias or racial stereotyping about Asians in part. She said it would have that effect and then went on to say that it's not a new idea, it's been memorialized in the past.

But what I think we can see from a fair reading of the evidence is that this bias did creep in. We have the statistically significant disparity. There's no other good explanation other than stereotyping and bias. And to Harvard's credit, they actually finally did something about it in 2023. It's a step in the right direction, and this I think is an admission as much. And this was a necessary step

because we did see some concrete instances of Harvard admissions officers deploying the kind of stereotyping that we talked about.

And I won't belabor the anecdotal evidence because we don't think it's particularly important in a statistical case with a bunch of data. But we've got P116 on the screen. I think you'll remember a discussion of this from Dr. Arcidiacono's testimony that the person got a personal score of 3, notwithstanding being a professional figure skater, amazing life story, a lot of hardship, overwhelming teacher support and alumni interviewer report, Asian applicant to Harvard, given a personal score of 3, labeled a standard strong, no evidence that the application was ever considered again.

And then again we saw some evidence in the record that Asian-American applicants to Harvard were labeled as quiet or shy. It's not that there's something inherently wrong about labeling somebody as quiet or shy, but that's a stereotype that's deployed against Asian-Americans that doesn't really apply to other groups. That's why it's a stereotype. And it's evidence that bias has leaked into the system.

So Harvard took a small step in the right direction with the new reading procedures to address this, but it didn't even go as far as some of its supporters have

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suggested in this case. And we're back to the testimony of Dr. Chin, the professor of Asian-American studies. And she says she exhorted Harvard to increase training on cultural bias and to be educated on the stereotypes that work against Asian-American applicants. And the evidence that Harvard did that in this case is minimal, no more, evidently, than sending around an article on implicit bias years ago.

And the final piece of the puzzle in the new reading procedures is something that came up many times during the trial. Before the new reading procedures, Harvard had no written instructions on how or where to use race. And we go back here to a document that we visited many times. I'm on slide 62 now. This is Plaintiff's Exhibit 555, the OCR report. And we've got this sentence. "There are no formulas or specific criteria for measuring or assessing ethnicity." That's fine. Next half of the sentence is important. "Nor are there instructions for determining how much weight is given to ethnicity or where the weight is to be applied in the admissions process." This goes all the way back to 1990. And we saw in the same document admissions officers were using race in different parts of the process, assigning it different relative importance. We saw that all the way back in 1990, and that persisted all the way to today.

And to the extent that Harvard -- well, didn't have

written instructions before September. To the extent they had oral instructions, the evidence in this case is that they weren't that memorable, at least for the people who testified at their deposition when they were testifying honestly about how they do their job. And we've got the admission here on the screen from Chris Looby that he didn't recall anyone ever teaching him how to use race. We've got the testimony from Lucerita Ortiz where she doesn't recall the specific substance of any training. And you can see the other admissions that we've got here on the slide.

So to the extent that Harvard had oral training, it wasn't memorable, and it certainly didn't provide the kind of guidance that the new reading procedures had. So Harvard had a problem, and they tried to fix it with the new reading procedures, which again, we think is evidence of a recognition that there was bias and stereotypes and a problem with the way Harvard used race in its admissions process.

Now, the last thing I want to do is address

Harvard's explanation for the new reading procedures, because

I think it just confirms our point.

What Harvard says happened here with the new reading procedures is that a group of admissions officers got together over this past summer in 2018 and made changes, including to the directions of the personal score. And the people who did this work were led by Christine Mascolo, who

is the associate director of the admissions office, who has been there for 17 years. And she worked with others who have been there for a while as well.

And they assembled reading procedures, and they sent them out to everybody in the admissions office on September 19, 2018, and they said, "Attached please find the updated reading instructions for the year." And they told everybody to read the document thoroughly, and they thanked everybody who had helped in the editing process, and they didn't suggest there was any problem with the document they circulated or that it was in any way incomplete. And what Harvard wants us to believe is that these experienced people who had been there in some instances as long as 17 years, they just went out to memorialize what everybody knew all along about how Harvard used race in its admissions process and in the personal score.

And what Harvard wrote, what these people wrote in this draft was that in the directions on considering race in the overall to score was to only consider it if an applicant writes about it, makes an issue of it in its application, just like they consider religion. That's what the people who were seeking to memorialize how to use race said in this document.

Of course Harvard can't admit that that's true for a number of reasons, and issued an updated guidance on

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October 5 striking that language. And Director McGrath testified yesterday that the language that was included in P720 and its attachment was dead-bang wrong. But the reason that's important for our case is because it shows that even experienced people in the Harvard admissions office have no idea how race had been used, how it's supposed to be used, and when you have lack of controls in a system that's using race, considering it with every applicant, and you have evidence of statistical disparity for Asian-Americans in the subjective personal score, those lack of controls are evidence of yet further bias. I'm going to wrap up now, Your Honor, and save some time for Mr. Mortara to come back later. Before I do, I'd just like to thank you for all the effort and attention that you've put into this case and everybody else here. Thank you very much. THE COURT: All right. Finished right on time, Mr. Hughes. Why don't we take a 15-minute break and we'll come back at 11:00. (Recess taken, 10:45 a.m.) MR. LEE: Thank you, Your Honor. May I proceed, Your Honor? THE COURT: You may. DEFENDANT CLOSING ARGUMENT MR. LEE: On behalf of the faculty, students,

administration and staff and the many members of the Harvard community, I begin by thanking the Court and all of the court staff for the opportunity to address the very serious accusations by SFFA. We thank you for your close attention to what has been at times very detailed evidence, and we thank you for your patience.

SFFA began its opening statement by contending that, and I'm quoting, the wolf of racial bias is at Harvard's door.

On this, we agree. The wolf of racial bias is at Harvard's door and at the door of this courthouse. That wolf is not intentional discrimination by anybody in the Harvard admissions office. That wolf comes in the form of SFFA and its experts. It is those who would turn back the clock. It is those who would eviscerate the progress we have made by pursuing not just sanctioned but lauded, race-conscious admissions policies. It is those who would reduce dramatically the number of African-American students and Hispanic students on our college and university campuses today.

Now, to be sure, Your Honor, the vehicle SFFA has manufactured to pursue its goal is a claim that Harvard intentionally discriminates against Asian-American applicants. As we said at the outset of our opening, Harvard does not discriminate against Asian-American applicants.

Harvard has not discriminated against Asian-American applicants.

What the evidence has demonstrated is that Harvard has worked over the years tirelessly to create a vibrant educational environment that includes students from all walks of life. We do not admit simply GPAs and board scores.

We admit people. We admit people from a variety of backgrounds who bring to the campus a range of experiences, talents, and perspectives. This effort to create a community that is diverse, including, to be sure, racially diverse, is very much deliberate. It is very much intentional and, as Your Honor has heard, it is critical to Harvard's mission of preparing students to contribute to our increasingly diverse society.

Now, Your Honor has heard directly from the people that SFFA has accused of discrimination. And as I'll come to later, the precise claim of discrimination has been a moving target over a long period of time.

But you heard from President Faust, Dean Fitzsimmons, Dean Khurana, Dean Smith, Director McGrath, and current and former admissions officers Roger Banks, Erica Bever, Chris Looby, Charlene Kim, Tia Ray, and Elizabeth Yong.

These folks came to court. They sat in that witness chair. They subjected themselves to the crucible of

cross-examination and explained just why SFFA's accusations are not only wrong but unfounded and very unfair.

You heard those admissions officers explain how they carefully and thoroughly evaluate each and every applicant and how they take into account a multitude of factors when making admissions decisions. You heard that race can make a highly competitive applicant's application even more compelling, continuing that applicant into the admitted pool, just as being from Sparse Country or being an extraordinary musician or being an extraordinary intellect could tip you into the applicant pool.

And, Your Honor, you heard from some of the remarkable students and alumni who were admitted as a result of this holistic and comprehensive process. You heard how diversity inside and outside the classroom at Harvard has had a profound impact on their educational experience.

In contrast to all of this, what did you hear from SFFA? The next slide are the fact witnesses representing the plaintiff. It's blank. Not a single member of SFFA took the stand.

In fact, Your Honor, no one who testified, no one who took the oath had ever met with or spoken with any one of the SFFA members who claim to have been denied admission at Harvard. Not one of their application files was introduced into evidence. Dr. Arcidiacono had them all, and not a

single file was introduced into evidence for any of their standing members.

If there was an application file after all of this that showed discrimination, wouldn't we have seen it? The fact that none was introduced actually leads to the contrary conclusion there is none.

So where does that leave SFFA? It leaves it, Your Honor, candidly, with an illogical, contradictory, meritless discrimination claim.

The evidence has made clear just what you would have to believe from SFFA to credit their claim of discrimination. You would have to conclude that Harvard actively recruits Asian-American students only to discriminate against them once they apply. You would have to conclude that the process that involves multiple readers of applications, multiple subcommittee reviews, multiple full committee reviews, and decisions made openly by a group of 40 people is somehow being manipulated to discriminate against Asian-Americans.

You would have to conclude that Harvard's admissions office is favoring Asian-Americans who happen to be athletes, legacies, faculty children, staff children, on the dean's list or the director's list. But then for some inexplicable reason, the same admissions officers are discriminating against Asian-American applicants who are not

in these categories.

You would have to conclude that Harvard is not discriminating against Asian-American women or Asian-Americans in California but are discriminating against other Asian-Americans.

And you would have to conclude that to carry out this bizarre scheme of discriminating against some but not all Asian-Americans, the admissions officers assigning the academic and extracurricular ratings which are on the screen now, ratings, Your Honor, that everyone agrees reflect subjective judgment, are giving Asian-American applicants better scores on those ratings than the objective or the mere quantifiable data would justify.

To be clear, it is not that Asian-Americans are being scored higher on these ratings just because they have better board scores or better GPAs or because they have more extracurricular activities. The admissions officers who are reading these files are scoring Asian-Americans higher in these categories on the nonobservable, nonquantifiable factors.

But to believe SFFA, that same admissions officer then moves two boxes down on the same form, as we've shown on the next slide. And then for some reason — and according to SFFA, it is to discriminate against that applicant — it gives that person a lower personal rating. That would be a

peculiar form of intentional discrimination.

And you would have to conclude, Your Honor, that the admissions officer managed to implement this complicated scheme, a scheme with inconsistencies and illogical consequences without leaving behind a single indication, a single email, a single memo, a single presentation that would tell the 40 admissions officers just how to navigate these contradictions and these illogical inconsistencies.

But the problems with the plaintiff's discrimination claim don't end there. There are a host of other inconsistencies.

For instance, as the trial progressed we moved from intentional discrimination and at the end we're coming to something that seems to be focusing on implicit bias. And I'll come back to implicit bias because there's been virtually no evidence of that.

But the fact that SFFA now resorts to implicit bias demonstrates yet another inconsistency. It's entirely inconsistent with the proposition that Harvard is discriminating against some Asian-Americans but favoring others. How do you implicitly discriminate for someone and then implicitly discriminate against someone? Another logical inconsistency.

And then to focus on SFFA's primary focus on the personal rating, the personal rating which they say is a

vehicle to carry out the intentional discrimination. The very same differences in the personal rating, on average — now, we're just talking about averages here because there are some Asian-Americans with spectacularly good personal ratings.

But the very same difference they're focusing on on average is the difference that the ALDC Asian-American applicants also have. Their personal ratings are also on average lower, yet they concede there's no discrimination. Again just another logical inconsistency.

Why would they sponsor such a claim? It's a claim predicated on data mining. It's a claim omitting variables. It is a claim just ripe with self-defeating inconsistencies.

But now the answer is clear, and I would suggest much clearer than it was at the outset.

The answer is that the goal of SFFA is to eliminate all consideration of race in admissions. The founder of SFFA pursued that goal in *Fisher* 1. He was unsuccessful. He pursued that goal on behalf of white plaintiffs in *Fisher* 2. He was unsuccessful.

So what did he do? Mr. Kahlenberg told us. He advertised for Asian-American plaintiffs, but the goal remained the same, and that became manifest during the evidence.

Your Honor, the plaintiff's own slides, one that

Mr. Hughes didn't show you, tell the entire story. Here is 1 Plaintiff's Demonstrative 38, Slide 40. 2 You may recall that we cross-examined 4 Dr. Arcidiacono on this slide. This tells the entire story. If we were to accept SFFA's proposition that race be eliminated from consideration, the number of African-Americans would decrease by 150 a class or 600 over 7 four-year classes. If we were to accept their analysis, the number of Hispanics would decrease by 125 per class or about 500. To accept their analysis, the number of 10 11 African-American and Hispanic students of color would be reduced by 1,000 on Harvard's campus. 12 13 How does SFFA address this? What it says is in 14 their analysis, and I'm now quoting from Dr. Arcidiacono, the winners are the Asian-Americans and whites, and the losers 15 are the African-Americans and Hispanics. 16 Your Honor, he could not be more wrong. 17 If that is the circumstance, we all lose, every 18 19 single one of us loses. Now, before we turn to each of SFFA's claims, let 20 me address why diversity, including racial diversity, is so 21 critical to the educational experience at Harvard and other 22 23 colleges and universities. The plaintiff suggested in its opening that 24 25 diversity and its benefits is not on trial here. But as that

chart I just showed you indicates it is. If you accept their proposition, it couldn't be more on trial.

In fact, Dr. Arcidiacono spent as much of his time attacking the tips for African-American and Hispanic students as he did trying to move the Asian-American penalty.

To the plaintiffs, Your Honor, these things are two sides of the same coin. As their expert said, a tip for African-Americans and Hispanics is a penalty for Asian-Americans. That's his use of the word "penalty."

But he went one step further. He said a tip, a tip for whites, for African-Americans, and Hispanics is a white penalty. That's how they're using these terms.

Now, as an initial matter to suggest that one student is being penalized because another student is receiving a tip based on her or Hispanic racial background assumes that the student who received the tip was not qualified.

Nothing could be further from the truth. As the evidence established, every single student admitted to Harvard is quite qualified. And as the evidence showed, the applicant's race may provide a boost only to those very highly qualified competitive candidates in the pool.

That is like many other boosts like geography, like socioeconomic status, like a music talent. None of these boosts is imposing a penalty on someone else. And the racial

boost benefits everyone on the Harvard campus.

Harvard, as you've heard, has long recognized that the quality, and I'm now quoting from Dean Fitzsimmons' testimony in *Bakke*. Harvard has long recognized that the quality of the educational experience of all the students at Harvard College depends in part on the differences in background and outlook that the students bring with them to campus.

That was true in 1977 at the time of Bakke and is true today. That is why in 2016, Your Honor, Harvard's faculty of arts and sciences unanimously endorsed the conclusion of a committee chaired by Dean Khurana that reaffirmed, and I quote, "The university's long-held view that student body diversity, including racial diversity, is essential to our pedagogical objectives and institutional mission."

This commitment to diversity is shared at the highest level of the university. But more importantly, Your Honor, it is lived by the Harvard students. You heard firsthand from those Harvard students who have experienced firsthand both the benefits and some of the burdens of a diverse student body.

Their testimony on Monday was powerful. They were people who volunteered to take the stand and be examined and cross-examined. They told us why the diversity of Harvard

was important to their decision to apply to and attend Harvard and to their learning while on campus.

And most importantly, Your Honor, if we go to the next slide, Slide 13, they shared how devastating it would be if the reduction in the diversity, racial diversity, that would result from plaintiff's so-called alternatives would come to pass.

These students are living proof that Harvard has a compelling interest in student body diversity. These students are living proof that taking a thousand African-American, Hispanic students off the campus in the guise of an illogical discrimination claim is not the right result.

And as you know, Your Honor, Harvard does not stand alone on this issue in American higher education institutions. You heard from President Ruth Simmons, whose life's story and life's work embodies the meaning, the importance, the benefits, and the triumph of racial diversity.

As she put it, and I quote, "Diversity provides an opportunity to deepen that learning, to give students firsthand experience with difference. Which allows students to test themselves, to test their background, to test their ideas, and to challenge assumptions."

So with that in mind, let me turn to SFFA's claims.

And I'll turn first to the intentional discrimination claim.

The law on what's required is clear. And this was not among Mr. Hughes' slides. The burden is on SFFA to prove first that Harvard discriminated on the basis of race, to prove second that the discrimination was intentional, and to prove third that the discrimination was a substantial and motivating factor for Harvard's actions.

SFFA must prove racial animus, prove it as a necessary component of the claim. In other words, the plaintiffs must show that a committee comprised of roughly 40 people at any given time is intentionally trying to discriminate against some but not all Asian-Americans because some of those folks are Asian-Americans.

Now, SFFA suggests in its opening because Harvard considers one factor in its admissions process, once the — and I'm quoting now — statistically significant Asian penalty has been shown, the burden is on Harvard to explain these differences.

Quite honestly, Your Honor, that's not the law. It's confusing the burden of production with the burden of persuasion. The law is perfectly clear that the ultimate burden of persuasion remains with SFFA.

Now, on the intentional discrimination claim, there are fundamentally two questions. The first is -- and I'm going to take them in the order that Mr. Hughes took them --

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has plaintiff proven discrimination. Because if it's not,
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     the rest becomes irrelevant.
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               And the second is, has the plaintiff proven the
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     discriminatory animus required by the law.
                The answer to both is no.
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               Mr. Waxman will address the evidence that
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     demonstrates the plaintiff has failed to prove
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     discrimination, and then I'll return to address the second
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     question in the remaining claims.
                I'm going to hand the mic off now.
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                [Microphone technical issues.]
               MR. WAXMAN: I could see Joan's face.
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               MR. LEE: I realize that folding my arms was a bad
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     idea.
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                            I'll even give you permission to take
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                THE COURT:
     your jacket off, if that would help you, if you could talk
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     without a jacket.
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               MR. WAXMAN: I don't know if I can talk in a court
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     without a jacket.
                [Microphone technical issues.]
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               MR. WAXMAN: May I proceed?
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                THE COURT:
                           You may.
               MS. HACKER: As Your Honor is aware, the plaintiff
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     relies on statistics to prove its claim of discrimination.
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     Mr. McBride, in the passage here, even said that there's no
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question that the central issue in this case is being determined on the basis of statistical analysis. That's plaintiff's claim because it has nothing else.

Of course it is not true that statistics can decide the question of either discrimination or intentional discrimination because, as Professor Card explained and Dr. Arcidiacono did not disagree, the most that statistics and statistical modeling can prove is a correlation. It can never prove causation in the real world.

But even the bloodless statistics don't support SFFA's claim.

Now, the experts agree that any statistical analysis can only go so far in modeling Harvard's admissions process. There are many, many factors that admissions officers and the admissions committee consider in the process that simply can't be reduced to numbers and thus can't be accounted for in any statistical analysis.

But as you heard from Professor Card, he tried to get as close as possible. He included all domestic applicants in his model, and he included all the relevant data that he had. And when he did that, he found that Asian-American ethnicity had no statistically significant effect in the Harvard admissions process. It had no effect in any of the six years he looked at or even when he averaged the six years.

Professor Card also found that for applicants who are female or applicants from California, there was actually a positive effect associated with being Asian-American. Now again, these results aren't statistically significant, but they would surely be a bizarre outcome for an admissions office trying to discriminate against Asian-Americans.

Now, Dr. Arcidiacono reached a different conclusion. He testified that for some, but not all, Asian-American applicants he found a penalty. There is a simple explanation for why two economists using the same type of model and the same data reached different conclusions, and it is this: For one methodological issue after another, Professor Card made the choice that allowed his model of the admissions process to resemble the actual admissions process as closely as possible.

Dr. Arcidiacono, on the other hand, made choices that took him further and further away from Harvard's actual process. He made the choices that instead allowed him to find the result the plaintiff was looking for.

Dr. Arcidiacono, a proclaimed proponent of the mismatch theory, who believes, in his own words, in a "more efficient sorting of minority students" manipulated the data to support his desired result.

Now, let me start with the issue of which applicants are included in the model. Professor Card

included all domestic applicants, which is the group that both sides agree is relevant here.

Dr. Arcidiacono threw out of his model a group that accounts for almost 30 percent of admitted students: the recruited athletes, the legacy applicants, the applicants who are on the dean or director's list, and the children of Harvard faculty and staff, the so-called ALDC applicants.

Now, there are two important questions to ask about why Dr. Arcidiacono made that choice. The first, why did he claim to do it. The answer you heard him give is that the ALDC applicants received tips in the admissions process. But of course so many other groups receive tips, and yet he didn't exclude any of those applicants from his model.

Dr. Arcidiacono also said that he excluded ALDC applicants because they have high admission rates. He told Your Honor that he needed to exclude the ALDCs so he could compare "apples to apples."

That is nonsense. One might as well say that people with low SAT scores can't be compared as apples to apples with people with high SAT scores.

The whole point of a regression is to allow apples-to-apples comparisons among people with different characteristics by controlling for those characteristics.

Now, the second question is why did Dr. Arcidiacono actually choose to exclude ALDC applicants. And I think here

the answer is pretty clear. He did it because doing so produced the result he wanted. He did it because among ALDC applicants he agrees that Asian-American applicants are admitted at a higher rate than white applicants.

That is why the first sentence of the plaintiff's opening statement in this case is what you see on the screen. The evidence in this trial will show that Harvard College discriminates against Asian-American applicants, specifically those applicants ineligible for Harvard's sizeable professions for recruited athletes, the children of its alumni, major donors, and its faculty.

As Your Honor recognized, Asian-Americans are not only not being discriminated against in these categories, they're actually being favored.

As Professor Card testified, for legacy applicants, the largest component of the ALDC group by far, that advantage is a statistically significant one.

That is a fact that Mr. Hughes tried deftly to obscure in his statements this morning. Were there any doubt about Dr. Arcidiacono's motives for removing the ALDC applicants from his file, that issue was put to rest when Mr. Lee asked him about the early action applicants.

You may recall that Dr. Arcidiacono said that the reason he removed ALDC applicants was their high admission rates.

Now, early action applicants also have high admission rates, between six and seven times higher than regular applicants. And in fact, Dr. Arcidiacono initially excluded those applicants from his model for that very stated reason. But then he put those early action applicants back into his model after he realized that Asian-Americans were not being admitted at higher rates within that group.

He quite simply went looking across the data. He saw some groups where Asian-Americans did better than white applicants. He saw some groups where they did worse.

And rather than analyzing all of those groups together, as Professor Card did, he decided to throw out the groups where the Asian-American applicants did better.

That is unabashed data mining, and the result is that because Dr. Arcidiacono excluded ALDCs from his analysis, SFFA has no statistical evidence of discrimination against Asian-Americans in the applicant pool as a whole. Absolutely none.

The sole theory of discrimination that SFFA has advanced is that Harvard discriminates against only those Asian-Americans who are not athletes, not legacies, not on the dean's or director's list, and not children of Harvard faculty or staff.

As Your Honor's questions to Dr. Arcidiacono recognized, that theory makes no sense. If Harvard really

bore discriminatory animus or even implicit bias towards
Asian-American applicants, a premise on which SFFA's theory
depends, why would it discriminate against only
Asian-Americans who are not ALDCs? That is a fatal weakness
in SFFA's case.

And indeed, if as it now appears from Mr. Hughes' statement this morning, the plaintiff is relying only on a theory of implicit bias in admissions, its concession that admissions officers do not discriminate against ALDC applicants renders that theory incoherent.

Now, before I move on, I want to address something else we've heard from the plaintiff, which is the suggestion that ALDCs are not as strong as other applicants or that academic or other success matters less for their admissions chances.

That is simply not true. ALDCs as a group are rated higher, much higher on every dimension in the data.

Now let me turn briefly to the issue of pooling; that is, the question of whether it's proper to run a single model for all six years of data or to model each year separately.

Professor Card, as Your Honor will recall, ran his model separately for each admissions cycle because that's how the process works. The applicants in each year compete against other applicants in that year. They don't compete

against applicants in other years. And running a model year-by year, Dr. Card explained, also allows him to examine the effect of early action because for some years Harvard did have early action. For others it did not. And with respect to changes in the coding of parental occupation categories, it also allows his model to see exactly what the admissions officers saw in each year as opposed to a pool model which does not.

Now, the only reason that Dr. Arcidiacono gives for his approach is he says it gave his model more statistical power or made it more precise.

But as you heard Professor Card explain, that's just not true. Professor Card doesn't just use his year-by-year models, he also averages the results from those models across all six years. And when he does that, his estimates are actually more precise and his model actually has more statistical power than Dr. Arcidiacono's.

Let me turn next to the issue of omitted variables, and I'll ask by -- I'll start by asking Your Honor to think back to the hypothetical that Professor Card described on the whiteboard about the likelihood that somebody will retire in the next year.

The point that example was trying to illustrate is that if a regression does not include every variable that would affect the outcome, then you can't infer from any

regression estimate that the factor in question actually caused the estimated change. That is why it is so important that Professor Card includes in his model so many of the factors for which data exists.

By contrast, Dr. Arcidiacono did not. He omitted four factors: intended career, parental occupation, whether the applicant received a staff interview, and the personal rating. Those four factors have one thing in common. They turn out to make a big difference in the results.

Let me talk first about the parental occupation and intended career. Dr. Arcidiacono admits that parental occupation and intended career are factors that are considered by the admissions office. They're on the summary sheet. And so here, too, by choosing to omit those variables he was taking his model farther away from the actual process.

His supposed reason for excluding those factors was the fact that some of the data vary from year to year. But other categories also vary from year to year, but Dr. Arcidiacono did not exclude them. He excluded those other ones.

And as you heard Professor Card explain, year-to-year variation is a commonplace feature of data like this. It is no reason to exclude these factors which the evidence shows are important factors in the admissions decision.

Now, Dr. Arcidiacono also excluded the fact of whether an applicant had a staff interview. His reason for doing that was that ALDC applicants are more likely to receive staff interviews than non-ALDC applicants.

But that's not a reason to exclude the factor any more than it's a reason to exclude any other factor that is correlated with ALDC status, because it is a reason to include that factor so that the ALDC effect can be controlled and because the fact of a staff interview does affect admissions decisions.

The effect of pulling each of these variables out of his model was that it allowed Dr. Arcidiacono to find an increasingly negative effect of Asian-American ethnicity.

And now let me turn to the personal rating, which it now appears is all of the plaintiff's case here.

Mr. Hughes has suggested that the differences between average ratings of applicants by race indicates bias. But as our demonstrative 10.10, which is on the screen, shows, there are differences in all four ratings, and that does not mean there is bias.

By removing the personal rating, Dr. Arcidiacono was able to make the negative effect even greater.

Now, the personal rating has obviously been a focus for both parties from the start, and the reason is that it is important. As you've heard from all of the admissions

officers, one of the things that they are trying to assess is what type of classmate or roommate an applicant might make. What qualities does she or he bring to the campus.

The admissions officers pour over essays, recommendation letters, alumni interview reports, and other materials in an effort to learn more about who the applicants are. The personal qualities expressed in those materials and reflected in the personal rating and nowhere else are critically important to deciding who will be admitted. And because the information reflected in the personal rating is so important to the process, it makes a big difference to the result of the model whether or not that rating is included.

Removing the personal rating means depriving the model of a plethora of information about what admissions officers actually consider.

But by removing the personal rating from his model, Dr. Arcidiacono was able to find the Asian penalty he was looking for. There is no justification for removing it.

Both experts agree that if race is directly taken into account in determining a variable, that variable should be excluded in a model that is trying to assess the effect of one's race. That is why both experts excluded the preliminary overall rating in constructing their models because admissions officers have clearly stated that race itself may be considered in that factor.

That is emphatically not true of the personal rating. Every single admissions officer testified that an applicant's race itself is not considered when assigning the personal rating. That testimony was consistent and undisputed.

The personal rating does not reflect the fact that an applicant has self-identified as belonging to a particular race.

The fact that admissions officers may consider whether an applicant has overcome discrimination or other things when assigning the personal rating is not considering the applicant's race when assigning that rating. It's considering qualities such as the applicant's determination, perseverance, grit, and many other personal qualities that are revealed in that instance.

Now, Dr. Arcidiacono says he removed the personal rating because he inferred that the rating itself reflected bias against Asian-Americans. To be clear, what he found was that Asian-American ethnicity was associated with slightly lower personal ratings on average. He found on average a negative correlation.

That is decidedly not the same thing as finding that the correlation he observed could properly be attributed to bias, as OCR's own report which noticed the same negative correlation and nonetheless concluded that there was no

evidence of bias in the admissions process against Asian-Americans.

Importantly, Dr. Arcidiacono also found that Asian-American ethnicity was associated with better academic and extracurricular ratings, controlling for the factors in his model. That means that his rating models show that Asian-Americans are getting higher academic ratings, higher extracurricular ratings than equally situated white applicants, but slightly lower personal ratings.

The question is whether the correlations

Dr. Arcidiacono found in these ratings are attributable to racial bias or just reflect factors that aren't controlled for in the model.

So let's think for a moment about what it would mean if the correlations really did reflect the consideration of race.

As Mr. Lee showed you earlier and Dr. Arcidiacono agreed, this means that admissions officers are giving Asian-American applicants better ratings in the first two boxes than can be explained by any data in the model. Remember, it's the same admissions officer filling out all four boxes.

Dr. Arcidiacono would have you believe that the same admissions officer is deliberately -- or exercising some stereotypical bias, deliberately giving Asian-American

applicants a better academic rating, a better extracurricular rating only to move two boxes over and give them a worse personal rating than the data can explain.

16 leading economists, including two Nobel Prize winners and Janet Yellen, the former chair of the federal reserve, agreed that that conclusion is nonsense. They explained in a brief to this Court, and I'm quoting, "Dr. Arcidiacono's finding are implausible because they would indicate that Harvard discriminates against Asian-American applicants on one subscore only to turn around and discriminate in their favor on two others.

"The better and more plausible explanation of these findings," they conclude, "is that Dr. Arcidiacono's regression models are simply not reliable enough to measure most of the applicant qualities that drive Harvard's assignment of these ratings."

And that indeed is the very interpretation that Dr. Arcidiacono himself gave for the positive correlations he found in his models of the academic and extracurricular ratings. He didn't attribute the better academic and extracurricular ratings that admissions officers give to Asian-American applicants as an Asian preference. He said simply that those better scores reflect factors that aren't captured in the data.

And the reason he said that is because that

Asian-American applicants are stronger than white applicants on measures of academic and extracurricular excellence in the data like SAT scores. As he explained, economists generally operate under the assumption that observable characteristics operate in a similar manner to unobservable characteristics.

So because he found that Asian-American applicants were stronger on measures of academic and extracurricular strength in the data, he assumed they must also be strong on measures of strength in those areas outside the data which would account for the positive correlations he found.

He was right about that. Professor Card doesn't disagree. And Dr. Arcidiacono should have interpreted the personal rating regression in the same way.

But instead, Dr. Arcidiacono interpreted the negative effect of Asian-American ethnicity that he found in his personal rating regression to be the result of bias.

Now, what reasons did he give for those inconsistent interpretations? He said that for the personal rating, like the academic and extracurricular ratings, Asian-American applicants are stronger on the factors in the data that affect the rating. So they're presumably also stronger on the many factors admissions considers that are outside the data.

That is just not true. Asian-American applicants, as Dr. Card painstakingly demonstrated, are not stronger on

the non-academic factors in the data that affect the personal rating. Professor Card showed you slide after slide explaining how the data disproved Dr. Arcidiacono on this point. He showed you that Asian-American applicants have weaker school support ratings, the teacher and guidance counselor ratings, than white applicants of equal academic strengths.

Those teacher and guidance counselor ratings inform the personal rating. The same holds true if you add alumni ratings to the school support ratings. Asian-American applicants do slightly less well than white applicants. And he showed you that if you look across all of the observable non-academic factors in the model, Asian-American applicants are less strong than white applicants of equal academic strength.

Now let me reiterate. Dr. Arcidiacono's explanation for why he concluded the personal rating was bias, why he threw it entirely out of his model, was his conclusion that Asian-American applicants are stronger on the factors in the data that inform the personal rating.

And he therefore inferred that only bias, not factors outside the data, could explain the negative association between Asian-American ethnicity and the personal rating.

But Asian-American applicants are not stronger on

the factors in the data that inform the personal rating. Applying the same generally accepted economic principle that he applied to the academic and extracurricular ratings, the conclusion that Dr. Arcidiacono should have drawn, the one that Professor Card properly drew, is that the explanation for why Asian-Americans do less well on the personal rating is not bias. It is the many, many factors considered by admissions that the model cannot control for.

But finally, as Dr. Card explained, let's just suppose he is wrong about this and suppose that the correlations that Dr. Arcidiacono found for the three ratings actually are attributable to race, racial bias, or racial stereotyping and not simply factors outside the data. Would the ratings have to be thrown out of the model? The answer is no.

You repeatedly heard Mr. Hughes tell you this morning that the answer is yes. That is just not correct.

As Professor Card explained, throwing out the ratings would discard a great deal of helpful information about the applicant that both experts agree is important to the process. Is the applicant a leader? Does she offer assistance to her peers? Does he have a determined spirit?

Rather than throwing out that information, the right approach is to simply remove the effect of race found in Dr. Arcidiacono's models from the ratings, keeping the

remainder of the ratings intact.

When Professor Card did that and used the adjusted ratings in his admissions model, the results were entirely consistent with those of his main model. He still found no evidence of bias.

Now, let me emphasize two -- before I turn the podium over to Mr. Lee, emphasize two additional points regarding the personal rating.

Number one, Mr. Hughes and Dr. Arcidiacono hinged their claim of personal rating bias on the charts that showed that Mr. -- that Mr. Hughes showed again this morning, comparing the personal ratings to the academic index.

But as Dr. Card explained conclusively, the personal rating has almost no correlation at all to the academic index or to academics at all. And that is revealed on, I believe, our demonstrative 65.

One additional point -- yes, here it is. The correlation that his misleading charts purported to show between the academic index decile and the personal rating, in fact, when revealed on the proper same scale shows almost no correlation whatsoever between the personal rating and the academic index or academics more generally.

Now, one additional point that Dr. Card raised regarding the personal rating, and that is the fact that for both the ALDC and the non-ALDC applicants, Asian-American

applicants have lower personal ratings than white applicants. Mr. Lee touched on this, and let me just expand a little bit.

The difference in the gap on personal ratings between Asian-American applicants and white applicants is — not only exists in the ALDC group, it is greater for the ALDC group. In other words, the Asian-American ALDCs are farther behind the white ALDCs in terms of the personal rating than is true for the non-ALDC applicants.

That again drains any coherence from SFFA's claim that the personal rating is the vehicle being used to discriminate against Asian-American applicants. It's simply inconceivable to think that the personal rating is being used as an engine for discrimination. When Asian-Americans who are ALDCs, a group that SFFA concedes Harvard does not discriminate against — that was Mr. Mortara's very first sentence in this trial — they are also getting even lower personal ratings than their white counterparts.

Now, I acknowledge, and I'm sure both parties regret the fact that a lot of data has been thrown at Her Honor in this case. But all you really need to take away is that one expert was trying to model the process and the other was not.

Professor Card is the expert who tried to model the process. The result was a durable finding that there was no evidence of discrimination.

Dr. Arcidiacono, on the other hand, made choice after choice after choice after choice designed to move further away from the actual admissions process in order to find evidence of discrimination. His findings would not be sufficient to support a finding of intentional discrimination or discrimination even if they were reliable.

But they are not reliable. They are manipulated. Dr. Arcidiacono selectively, purposefully eliminated legitimate factors in the admissions process in order to suggest an illegitimate outcome.

MR. LEE: I promise not to fold my arms.

Your Honor, now that Mr. Waxman has explained that the evidence is not sufficient for SFFA to carry its burden to show that Harvard is discriminating, let me turn to the question of discriminatory intent.

Now, to state the obvious, if there was discriminatory animus, why would it be directed only to certain categories of Asian-American applicants? Why would athletes, legacies, dean's list, director's list, faculty children, children of staff, Asian-American women, Asian-Americans from California, why would they not be discriminated against but others are?

Probably more importantly, where is the evidence that shows that this bizarre scheme was implemented in any intentional or even unintentional way. We would suggest that

having seen the witnesses you've seen, you've seen the opposite of intentional discrimination.

The officer, the admissions officers took the stand. They have testified unequivocally that they have never witnessed any discrimination or bias in the admissions process. These admissions officers, everyone from Ms. Bever who's been in the office for four years to, say, Mr. Banks who's been there for closer to 40, described an open, collaborative, iterative process designed to ensure that each applicant gets a full and fair review.

Every one of the 40,000 applicants can be put back into play at any point in the process. Any admissions officer can at any point in the process request that any application be discussed. And when they are, they're discussed in subcommittee and committee openly with all of the information, quantitative and qualitative, available to everyone.

In fact, you heard Ms. Bever describe just what happened with Ms. Sally Chen's application. In the interests of time I'm not going to go through the details, but it was a wonderful example of the consideration of an application by a group of people who ultimately came to the correct decision and admitted Ms. Chen. But it was only the result of an iterative and open process.

This is not a process where discrimination and

racial animus could go unnoticed. It is a process replete with checks and balances. It is a process that relies upon transparency and open discussion. It is a process that relies upon 40 votes of individuals, many of whom Your Honor saw and got to see testify.

Now, as part of this process, the admissions office considers all the information available. If the applicant chooses to provide information about his or her race, that fact is considered alongside all the other pieces of information in the file. Race is considered as one of many factors.

For some competitive applicants, the tip of race may make a difference. The admissions officers were consistent. But race is never used to deny admission to anyone. Race is never a negative factor. The admissions officers don't think in Dr. Arcidiacono's terms of winners and losers.

This very process was praised in *Bakke* by the Supreme Court as an illuminating example. Now, I understand that SFFA thinks that this is somehow humorous or a joke, but it's not. It's law of the land. They might want it to be different, but it is our law. This process is the same process that was examined by the Department of Education's Office For Civil Rights in 1990.

Now, SFFA has yanked from context a sentence here,

a sentence there, and tried to tie it to deposition testimony and suggest something other than what the document says.

Your Honor has it.

What the document is, is this: OCR reviewed 400 application files, they reviewed 2,000 application summary sheets, they interviewed 10 admissions officers, and they had data on 110,000 applicants and even did their own regression analysis.

After all that, at the end of the document which had the statements that Mr. Hughes relied upon, what did it find? Harvard did not discriminate against Asian-Americans.

Now, to be clear, OCR's analysis found, just as the experts have found in this case, that there was on average a slight difference in the personal ratings for Asian-American and white applicants. On average, Asian-Americans received a slightly lower personal ratings, the difference between 25 and 20 percent.

But then, Your Honor, OCR did what SFFA didn't bother to do. OCR didn't just notice a negative coefficient of Asian-American ethnicity and then say we assume bias. It conducted an audit of hundreds of admissions files, hundreds of summary sheets, looking for actual evidence of bias. It found none.

They compared the ratings assigned to the application materials they reviewed, and here's their

finding: "Our comparison of the personal qualities ratings to the supporting material in the applicant files revealed no apparent inconsistencies between the ratings and the underlying documentation."

That is the way to investigate a claim of bias, not to simply jump to the conclusion that bias is the answer.

When OCR did the real work, it concluded, just as Dr. Card did, that there is no evidence that this discrepancy was the result of any discrimination.

To reiterate, Your Honor, they had the files that Your Honor ordered produced. They had the files for their standing members. If they wanted to do this audit to support their claim, they could have done it.

Dr. Arcidiacono could have put those files into evidence. They did not. And there's only one inference that can be drawn from that is that those files would not support the convoluted claim they're offering you today.

Now, Harvard's current admissions process is, in general, the same process that's described as we said repeatedly. It's the same process that was examined again in 2001 when there was another complaint. It's the same process that was mentioned favorably in *Grutter*. And it is largely the same process today.

Now, confronted with this unbroken line endorsement of Harvard's process over 50 years, where does that leave

SFFA? It's left with the suggestion that Harvard's process is not formulaic enough. It's not specific enough. They're not stringent written directives.

I would suggest that if they had stringent written directives, they would be making the other claim, which is they're too mechanical and not flexible enough.

For two weeks, the plaintiffs asked admissions officer after admissions officer about the fact that there were no specific guidelines to take into consideration as part of Harvard's whole-person review.

For the discovery period, Your Honor, which extended though August 2014 and the class of 2019, everybody testified consistently and it's consistent with the record. There was nothing addressed in this specific issue. At the very end, the reading procedures for the class of 2023 became an issue.

It is true that after SFFA sued, the admissions office did not go out of business. It is true that they continued to review applications. It is true, as Your Honor learned yesterday, that every year the reading procedures were revised.

And it's true that on October 5 of this year a new set of reading procedures were issued that said that race can be considered in the preliminary overall rating as one factor among many but that it cannot be considered in the personal

rating.

It is nothing more than a codification of what Your Honor heard the admissions officers testify had been the practice before.

Now, I just want to say one additional thing about the reading procedures. For the first time today in this case, there was argument that somehow the reading procedures are relevant to liability.

Your Honor allowed the recall of witnesses to the extent it might demonstrate some indication of a witness' credibility.

Rule 407 precludes the very argument they made today. They cannot make that argument. It's an argument that is precluded by the rules of evidence that govern this case.

But the reading procedures at the end are only a small part of the admissions officer's training. You've learned a lot about it. You've learned that the new admissions officers receive training at the outset, that their first 50 to 100 files are reviewed by another reader. You learned about the casebook and the casebook quidance.

And we walked you through an example in the casebook, two examples, one of a student named Grace, who is on Slide 54, and one who is a student named Peter, on Slide 55.

I'm not going to walk through them today because we did it during the course of the evidence. But the suggestion that these casebook examples and the casebook guidance don't provide the instruction on how to employ the multifactor test is simply incorrect.

In fact, for all of us as lawyers, we largely learn by case studies. We learn from looking at specific case studies and drawing conclusions from them. That is precisely what happens at the Harvard admissions office. These are real cases drawn from real applicants with their names changed. And then the casebook allows the admissions officers to determine just how the multifactor test should be applied.

The admissions officers also receive the interviewer handbook which have the tips that they are to be looking for. And each year the entire office receives training from the Harvard office of the general counsel concerning the legal limitations on how race can properly be considered in the admissions process.

And in addition, Your Honor, periodically the office gives trainings like those discussed by Ms. Ray in her testimony that provide information to admissions officers giving the experience of students of color in the United States so they have the benefit of their context of the discussions.

It is through all of these materials and all of this training and all of this collaborative work that the 40 individuals would do the admissions process come together to vote and admit each of the incoming Harvard classes.

Now, the one thing that SFFA points to as evidence of discrimination are the search lists.

It's a really -- respectfully, and I respect Mr. Hughes a great deal. It's a disingenuous argument.

The exhibit that they gave you has a top and a bottom. The bottom has the ACT cutoff levels.

As Dean Fitzsimmons testified, for people in Sparse Country, particularly in rural portions of Sparse Country, the ACT is the more common test. On the very same document that they claim is discriminatory, the ACT cutoff is the same at 30.

And in the document that Dean Fitzsimmons talked about that followed, we saw another year where the cutoff actually for Asian-Americans was lower than whites in Sparse Country. This is no evidence of discriminatory intent.

So let me now turn to a big focus of what SFFA has focused on, and that's OIR. Now, to be clear, Your Honor, this has been a moving target. And I think the fact that it's been a moving target speaks volumes.

In opening statements, SFFA showed you these pages from Exhibit 9. They pointed you to these two slides in

opening. These are the same pages that SFFA cross-examined Mr. Hansen about.

And in opening, this is what SFFA said about these pages. "Harvard's own researchers told Dean Fitzsimmons that there was a statistically significant penalty on Asian-Americans applying to Harvard," referring to these specific pages.

We now know that's simply not true. Dean Fitzsimmons never saw these pages. That is undisputed.

Mr. Hughes's conjecture about other evidence that might have indicated that he did is simply that. The information on the very slides that was the core of their opening never got to the dean. Period.

Now, there are models that were, in fact, shown to Dean Fitzsimmons, and Your Honor has seen them and we've talked about them repeatedly. The work that OIR did was work regarding the demographics of Harvard's admitted class, and it was to be sure, in part, prompted by the Unz article.

That article, as Your Honor now knows, was very controversial. It criticized people of all ethnic, religious, and racial backgrounds equally.

As Dean Fitzsimmons explained, he heard from many alumni who were particularly upset and concerned about the deeply anti-Semitic comments in the article. Many of the privilege log entries are dealing not with just

Asian-American penalties on their face, but the Unz article, and the Unz article had broader implications.

Now, OIR did do some work. And what it found, as Your Honor now knows, is that Model 1 demonstrated if admissions decisions were based only on academic factors, the admitted class would have a higher percentage of Asian-American students than it does. No one has ever disagreed with that or disputed that.

Models 2 and 3 show that the more factors that are added, the representation -- the more factors that are added results in the representation of Asian-Americans decreasing. No one has ever disputed that as well.

Now, Model 4 got a lot of attention, but I think at the end of the day we realize that that model itself is a little circular. Its input is demographics, its output is demographics, and that's the reason, as was explained to Your Honor, that the results are so close to the actual class.

But as Dean Fitzsimmons said, when he saw this, it was not inconsistent with what he understood before, which is if it were just grade point averages and board scores, there would be more Asian-Americans. He's never disagreed with that, and he said it on the stand.

But he also said that the more factors you add in -- and this is only a handful of factors -- the closer you get to the class that Harvard has.

Against the backdrop of Bakke, the OCR investigation, the second OCR investigation, and everything else that had occurred, this didn't tell Dean Fitzsimmons something that he didn't know before. And as he's testified and as even Mr. Kahlenberg, their expert, has acknowledged, Dean Fitzsimmons has a reputation for having been a pioneer in opening up the admissions office of educational institutions to people of different ethnicities and different socioeconomic backgrounds.

The idea that he would take this and have an alarm bell go off and do nothing is simply implausible.

In fact, what he did do is in late 2013 he asked OIR to do an analysis to confirm that the admissions office was giving a tip to low-income applicants. He got that.

But then he went another step. After receiving that analysis, he specifically asked for follow-up regarding whether the tip for low-income applicants was being applied consistently across all racial and ethnic groups. The answer was it was.

In fact, the results showed that Asian-Americans were getting as large a tip for being low income as almost any group. As Slide 64 demonstrates, the admit rates for low-income Asian-Americans was 10 percent as compared to 7 percent for non-low-income Asian-Americans, a 3 percent increase.

Now, we can quarrel about who got the larger increase and who didn't, but this is just another place that demonstrates the illogic in SFFA's claims. If Harvard were trying to discriminate against Asian-Americans, why would it give the largest percentage tip to low-income Asian-Americans?

Now, SFFA has suggested Dean Fitzsimmons should have done more, that he should have commissioned or requested the full analysis that Dr. Card has now done.

There are three responses to this. Dean Fitzsimmons testified that he has been vigilant about ensuring that his process is not infected by bias and discrimination.

When he got this information, he knew that what he needed to do was to continue what he had done before, and he told you that he did. No one suggested to him that these results showed discrimination. No one suggested that these results proved discrimination. No one involved in the process sounded the alarm bell that SFFA seems to think should have gone off.

The second thing is that to the extent SFFA wants a more thorough analysis, it's been done now. It was done by Dr. Card. And Dr. Card concluded that there is no evidence of discrimination against Asian-Americans.

But the third is this: This effort to cobble

together a line from a deposition here, a line from a document here over a period of 10 or 15 years and suggests that, ah-ha, this is evidence of intentional discrimination just doesn't work.

This is Monday morning quarterbacking looking back at a series of events that occurred before and saying I can ignore the context, I can ignore what the dean knew.

I can pull out a sentence or two here and say he should have done more. Or he should have done more, even if they're right, isn't intentional discrimination.

Let me briefly address two issues that the plaintiff has raised late in the trial. The first is implicit bias. Mr. Waxman and I both touched on this. Let me say three things:

First, there was no evidence to suggest that anyone in Harvard's admissions office harbored any implicit bias against Asian-Americans. There are experts in implicit bias. We didn't hear one. The only person to basically bring together the implicit bias case was Mr. Hughes. But that's insufficient to carry their burden of showing implicit bias.

Second, the claim makes no sense. How do you implicitly bias yourself against some Asian-Americans but implicitly or explicitly bias yourself in favor of other Asian-Americans? If it sounds like it doesn't make sense, it's because it doesn't.

Now, third, the law that they've showed you actually is incorrect.

Mr. Hughes put on the screen a citation from the Columbus Board of Education v Penick. He argued that actions having a foreseeable despaired impact are relevant to proving an unconstitutional purpose.

What you didn't hear, Your Honor, is on the very same page of that case, at 443 U.S. 464, the Supreme Court reemphasized that disparate impact in foreseeable consequences without more do not establish a violation.

And the court, the Supreme Court, made the very same in the same year in Massachusetts v Feeney. There aren't slides because we didn't quite know this was coming up, but it's 442 U.S. 254 where the Supreme Court stressed that intentional discrimination occurs only when the decision-maker acts -- and I now quote -- "because of, not merely in spite of, adverse effects on an identifiable group."

In other words, it's not enough for SFFA to show Harvard might have been aware of differential outcomes or even that someone has suggested that they could be differential outcomes. SFFA needs to prove that Harvard acted for the deliberate purpose of obtaining that result, and they cannot do that.

The last point, Your Honor, on intentional

discrimination is this: I want to turn to the attack on the credibility that we've heard this morning of the Harvard leadership, of the Harvard admissions officers, and near as I can tell, Harvard's lawyers.

There's an old saying among trial lawyers, which Her Honor as heard before, if the facts are on your side, argue the facts. If the law is on your side, argue the law. If you have neither the facts or the law, attack, attack, attack.

And that's what we've had today and for three weeks. It's what the plaintiff has done at every turn. It is easy to attack when you yourself are never going to get on the stand and be cross-examined. It has attacked Harvard, it has attacked Harvard's witnesses, and apparently now counsel.

But, Your Honor, again, if you trace the history, the attacks speak volumes themselves. In its summary judgment filings, the plaintiff accused Dean Khurana of killing the work done by OIR, and I quote, "burying the reports." But as Your Honor now knows, it turns out not to be true.

At the pretrial conference, the plaintiff claimed that President Faust's credibility was in doubt and could not be trusted because of a statement she made about Jewish discrimination in the 1920s. That too was a meritless attack on the reputation of a dedicated academic leader.

It alleged that Dean Smith led a sham committee, to quote them. I think the evidence demonstrates that's false as well.

And then yesterday it was the suggestion that Marlyn McGrath didn't bring out facts about the October 5 email and reading procedures, reading procedures that are good for Harvard, that demonstrate in this case which requests only prospective relief that Harvard is acting just as it said it has acted.

And you've heard the plaintiff attack Dean Fitzsimmons, whom SFFA has accused of intentionally discriminating against Asian-Americans.

Now, before SFFA was formed, before Fisher 2 was law, Mr. Kahlenberg actually had something to say about Dean Fitzsimmons. And what did he say? He said, "This is a leader in higher education who has," and I quote, "worked doggedly to open the doors of higher education to individuals from a broader range of racial and ethnic background."

This is the person they're now attacking. As President Faust said yesterday, no one in the 15 years that she's been working with Dean Fitzsimmons has ever questioned his honesty, has ever questioned his integrity, has ever questioned his truthfulness. No one until SFFA decided to make its claims.

Your Honor saw the witnesses. The credibility of a

witness is not determined by how many times I can impeach a witness with a deposition. Certainly two times doesn't make a lack of credibility. It depends upon their overall testimony and the manner in which they communicated to you.

Your Honor saw it. We trust Your Honor's assessment of the credibility of these folks. They were honest. They were straightforward. They admitted when things weren't good for us. They were clear when things were good for us.

The attack on the credibility is just an effort to cobble together and support an illogical claim.

Now I am going to briefly address the other claims that Mr. Hughes didn't. Let me say this on racial balancing. Slide 66 has the legal framework, and I'm not going to go into it.

This claim in some ways is easier to resolve for this reason. If we just look at the experts on racial balancing, Dr. Arcidiacono conceded that he had an opinion in his report on racial balancing. He conceded that he was not giving that testimony in this case, and he didn't.

So as a consequence, the only expert to testify on this issue of racial balancing was Professor Card, who showed you what is now Slide 67, DD 10.100, which showed that there had been significant variations year to year in the racial composition of Harvard's admitted students.

As Professor Card put it, if Harvard is trying to racially balance year to year, it's not doing a very good job. There are significant variations year to year. And, Your Honor, this is precisely what you would expect from the process that I've described to you and that you've heard about repeatedly.

When you look at the side by side -- when you look side by side at the composition of the applicant pool on the left-hand side of Slide 69 and the admitted class pool on the right-hand side, the composition of the admitted class has fluctuated more than the composition of the applicant pool. That's exactly the opposite of what you would expect.

Now, I think the argument that should be made here on rebuttal is about the one-pagers. I'm just going to say this: During the course of the examination of Elizabeth Yong, there was a demonstrative instruction that had a series of one-pagers, and the suggestion seems to be that's too many one-pagers. That doesn't make a racial balancing claim.

The one-pagers, as Your Honor now knows, if we go to Slide 70, contain more information than just race. They have information about gender and geography, intended major and race. The one-pagers are not used, if I move to Slide 72, to set quotas or floors on any group, racial or otherwise.

On this point, Harvard's evidence is

uncontroverted. Each and every one of the officers who came to court, as shown in Slides 73 and 74, testified that there are no targets, there are no floors.

Instead what the undisputed evidence demonstrated was that these one-pagers are distributed to three people —Dean Fitzsimmons, Director McGrath, and at the time Sally Donahue — during the course of the process so that they can evaluate the likely yield of the class. To the extent the information is useful, it's communicated orally to the admissions officers during the full committee process.

But as Your Honor now knows, at the tend of the process in every admissions cycle, in every year, if I go to Slide 76, the committee goes through the lop process.

And they've been directed explicitly by Dean Fitzsimmons in a memo written to guide them. I doubt he ever thought it would see the light of day in a federal courthouse. What he says is at the end of the day, at the end of the day the quality of the case is what counts.

Now, I'm just going to very quickly address race is more than a plus factor. I don't think there's any dispute about what *Grutter* and *Bakke* says. Race can be used. It can be used as a plus factor. It can be used as a tip.

Now, this is interesting particularly given that the fundamental predicate of Dr. Arcidiacono's opinion is that a tip for someone is a penalty for someone else.

Harvard's process, Harvard's admissions process meet the standards set forth on Slide 77. In that process, race may be a factor to a particular candidate's admission. It is never the factor. Tips for race come into play only for candidates that are otherwise highly competitive. Candidates who are qualified and not just academically, but across a wide series of dimensions.

Once again, the testimony to Your Honor was consistent. Race can make a difference, but it's just one of many tips in the process that can make a difference.

And, Your Honor, if I would bring you to Slide 80, the data confirmed that. First the experts agreed that race does not make a difference in the admissions decision for a majority of applicants. A large number of applicants to Harvard would be rejected without ever having their race considered. And there is a group that are so qualified they'll be admitted without the race being considered.

Second, if I move to Slide 81, Your Honor, when race does come into play, it's only for applicants who are highly qualified and highly competitive. This is the chart, and it demonstrates that race matters but only to candidates who have a high probability of admission to begin with.

Now, Your Honor, to be sure, there are some

African-American applicants for whom the tip of race can make
a difference. And I want to pause here for a minute to

emphasize something that at least to me personally is very important.

Contrary to Dr. Arcidiacono's charts and implications, all the students that are admitted to Harvard are qualified. All the African-American students admitted to Harvard are eminently qualified, all the Hispanic students are eminently qualified, and so too are the Asian-Americans and whites.

The suggestion that African-American and Hispanic students at Harvard are somehow less qualified or were admitted only because they got a tip of race is not true. It's actually offensive. For highly competitive candidates race can make a difference, but only if you have many other factors that get you there first. Dr. Card explained that yesterday.

Every dimension of the candidate matters. Multiple dimensions matter.

The fact is that Harvard's pool is, fortunately for Harvard, highly competitive on many dimensions. In this competitive pool, the presence of any additional factor, including race for some candidates, can make a difference.

Lastly, race-neutral alternatives, which Mr. Hughes didn't address. So let me try to summarize our position so Your Honor has it. And we'll brief it more fully.

First, the process. While there was some

discussion of the Ryan committee, my bet is you've heard more about the Ryan committee than you might want to hear. So let's talk about the committee that did do the work.

I would say this on the Ryan committee: The idea that you have a committee and then you get sued and someone is making precisely the claim that the committee is going to consider, suspending the work of the committee is not a illogical thing to do.

But the committee was -- for the college was reconvened later, and it had three people: Dean Smith, Dean Khurana, Dean Fitzsimmons. They were the right people for the job because they were the people responsible for precisely the alternatives that might be considered.

Dean Smith described to you the work of the committee. They met seven times. They worked outside of the committee room. They reviewed literature. They reviewed expert reports from this case. They considered and evaluated every race-neutral alternative Mr. Kahlenberg proposed and more. They considered, for instance, elimination of the consideration of SATs.

And at the end, it was the judgment of these three senior leaders of Harvard, after looking at all of this material, after looking at simulations from both expert witnesses, that at this time race-neutral alternatives could substitute no -- no race-neutral alternative could substitute

for the consideration of race as one consideration among many.

They looked. They reached this conclusion by looking at what would happen in those simulations. Not just to racial diversity, Your Honor, but to all kinds of diversity on the Harvard campus and what it would do from an intellectual and excellence point of view.

And they found that the plaintiff's suggested alternatives resulted in decreases in the student body excellence, decreases in diversity, decreases that were simply not acceptable to Harvard.

Now, as Your Honor now knows, Harvard has had a lot of experience with race-neutral alternatives. It addressed the issues with the Supreme Court back as far as *Bakke*. Dean Fitzsimmons is one of the people who has been working on race-neutral alternatives for socioeconomically disadvantaged folks.

Here is what I referred to earlier on Slide 88 that Mr. Kahlenberg said in 2010, four years before the complaint was filed, about what Dean Fitzsimmons has done.

You've also heard about the Harvard financial aid initiative. You've also heard about the extensive recruitment effort, including the efforts to recruit Asian-American students. You've heard about the increase in tenured faculty on the campus, Asian-American tenured faculty

by 50 percent.

Now, Mr. Kahlenberg was the one witness who came in to address this issue. He's never worked in a college administration. He's never implemented a minority recruitment program. He never implemented a financial aid program. He never worked in a college admissions office. He's never been retained by a college or university anywhere to consult on any of these things. But he said, I've got some alternatives for you to consider.

But Harvard has considered financial aid in its expansion. Harvard has considered eliminating early action. Harvard has increased its effort to recruit socioeconomically disadvantaged students. Harvard has increased its efforts to recruit students of color.

With all this backdrop, Dean Smith's committee determined that the impact of the simulations which would have resulted in a decrease in African-Americans on campus by close to 40 percent was unacceptable.

Now, I want to say just another word or two about Mr. Kahlenberg. Mr. Kahlenberg was paid to consult on the complaint in this case. He was paid to work on a complaint that alleged that Harvard should be using race-neutral alternatives instead of race.

As Your Honor now knows, the day after the complaint was filed, before Harvard had even been served,

he's giving an interview and he's pronouncing judgment that Harvard should lose. This is not the work of an independent expert. It's not the work of someone who's gone through a deliberative process. It's the work of an advocate.

He had a result in mind when the complaint was filed. He had a result in mind the next day when he gave his interview. And by coincidence, his opinion four years later happened to be the same one he gave to Fox News.

Now, what do we know about his opinion? We now know that, to Mr. Kahlenberg, considerable racial and ethnic diversity means a decrease of African-American representation on the Harvard campus by at least 30 percent.

And, Your Honor, as you go back to this, we would ask you not to be fooled by his charts. What he did is he grouped African-Americans and Hispanics in an effort to show that the decrease was less than might worry folks. Only if you separate out the two do you see the true implications for what he is suggesting.

To be clear, a drop of 14 percent to 10 percent would mean 340 fewer African-American undergraduates on the Harvard campus. Now, Dean Smith told you that he could not overestimate the harm that change would have to the student experience.

But, Your Honor, you don't need to take Dean Smith's word for it, and I wouldn't take his word alone.

Because we heard from the students themselves. We heard from the students who are living diversity every day. We heard them tell us the importance of the current levels of diversity. And even with those levels of diversity that have increased in the last decade or two, there are still feelings of isolation, discomfort, and the lack of inclusion.

The impact that the plaintiff's alternatives, as they call them, would have on these students, if they even got to remain on campus and be part of the student body, would be, to quote one of the students, devastating.

Let me conclude our closing, Your Honor, as I did our opening. Then I reflected on how much had changed since I walked into this District Court for the first time 42 years ago. That change was manifest in the courtroom that day. That change was manifest when the students came to testify. That change is manifest in the crowd behind me today.

The demographics of those here with us today as this trial ends reflect the enormous progress we have made in becoming a more diverse and inclusive society and community.

The plaintiff wants to turn back that clock. The plaintiff thinks, as they told us under oath, in terms of the efficient allocation of minority students and winners and losers. Those are not my words, Your Honor. Those are the words of Dr. Arcidiacono, winners and losers.

But the institutions and people who have

contributed to the enormous progress and the positive changes that we witnessed in this courtroom and that we see on the university campuses today don't think in terms of winners and losers.

They are thinking, as President Faust told you yesterday, about taking steps to ensure that everybody is a winner; that our communities win; that societies win; that it's not a situation like Dr. Arcidiacono would like to have where whites and Asian-Americans are winners and African-Americans and Hispanics are, to use his term, losers.

Dr. Simmons put it the best, and I would just quote her. "How can we imagine a world in which we are not creating leaders and citizens who have the capacity to mediate differences? I cannot imagine it. And so it's with great conviction that I say that we must continue to offer diverse undergraduate education to our young people to save our nation."

The wolf of racial bias is indeed at our door. We ask the Court to turn the wolf out. As we said, much progress has been made. There remains much to be done.

Thank you, Your Honor.

THE COURT: All right. Thank you all. We will break for lunch. How long a break would you all like?

MR. MORTARA: However long works for Your Honor.

30 minutes works.

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THE COURT: Why don't we come back how about at
1
     like -- let's just make it 1:30. We probably only have about
 2
 3
     an hour left, right?
               MR. MORTARA: We only have 20 minutes.
 4
               THE COURT: We have two more after you.
 5
               MR. MORTARA: Plus the 30 from amici.
 6
               THE COURT: About an hour. Let's come back at
 7
            That will give everyone a break.
8
                (Court recessed at 12:38 p.m.)
 9
               THE CLERK: Court is in session. Please be seated.
10
               MR. MORTARA: Your Honor, I have a couple of
11
     additional slides for you here. Your Honor, you'll know when
12
     you get to those. There's only two.
13
14
               THE COURT: You're going back to the first
     notebook?
15
               MR. MORTARA: Yes, sure. I might use some of
16
     Harvard's, but we'll muddle through.
17
18
               THE COURT: Do you have that microphone on,
19
     Mr. Mortara?
               MR. MORTARA: I believe it is.
20
               THE COURT: When you're ready.
21
                    PLAINTIFF REBUTTAL CLOSING ARGUMENT
22
               MR. MORTARA: Thank you, Your Honor. It's been
23
     three weeks since I was here in front of you the last time,
24
     and it's been an experience, to say the least.
25
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I want to just briefly begin with the class of 2023 reading procedures and Mr. Lee's late assertion of Rule 407. That was waived when they relied on it. We will brief it. Rule 407 has been waived here.

The law is absolutely clear that application of racial stereotypes is intentional discrimination, and that is our claim. And we heard that sort of bias over the weeks, suggestions that Asians are one-dimensional or just book smart or are recent arrivals, as Mr. Hughes pointed out.

I want to address first the supposed inconsistencies as to racial stereotyping with respect to the ALDCs. Yes, the evidence is the ALDC Asians received somewhat lower personal ratings than white ALDCs. That is absolutely consistent with the idea that racial stereotypes are at work.

But we don't see discriminations in admissions outcomes. That's what discrimination means. You were denied admission. Lower personal scores, but they weren't denied admission, at least not in a statistically significant sense in the small population of Asians that are ALDCs.

Why is that? No one has ever said that Harvard wants zero Asian-Americans on campus. That's not their goal. They just don't want overrepresentation, too many.

If you're going to let in some Asian-American students, where do you pick first? You go to your donor

base, the children of your alumni, the children of your major donors. So it makes sense that being a legacy overcomes the personal rating hit that the Asian-Americans ALDCs take because of racial stereotyping.

I'm going to put up on the screen a slide that the defendants used. Here you see very high marginal effect for the lineage applicants. You see 30 percent boost, over 30 percent boost when they're in the higher chances of getting in. Very high effects that swamp out the minor effect or the more minor effect, if you will, of the personal rating hilt.

And there's been some suggestion that you can't make a claim of discrimination as to a subgroup, as if there's something wrong with that. I think Your Honor may be familiar with or we will make you familiar with, through the briefing, the so-called sex-plus case law where subsets of women are discriminated against because they have children or because they behave in a gender nonconforming way. That's the PriceWaterhouseCoopers case. We will get to all that in briefing.

But it absolutely is possible to discriminate on the basis of race against a subset just like it's possible to discriminate on the basis of sex against a subgroup.

I want to get back to what matters, which is the personal rating. Dr. Card admitted that if you take the

personal rating out of his model, both his model from his opening report and his model from his rebuttal report -- we walked through these numbers in the transcript; that's the extra slide I just gave you, Your Honor -- he admitted that you find a statistically significant Asian penalty.

He admits that if race is involved, you've got to take it out. We've proven race is involved in the personal rating. Take it out. Statistically significant penalty.

But let's deal with his proposed alternative first that Mr. Waxman talked about, the virtual ratings analysis.

This is where he tried to remove race from the academic and extracurricular and personal ratings. But Dr. Card admitted that race isn't what causes the observed difference in academic and extracurricular ratings. He did that under oath when I was talking to him.

And just to be clear, you don't think race is influencing the academic or extracurricular ratings, right?

ANSWER: I think the most likely -- correct, my most likely explanation is unobserved characteristics.

This is day 14 at 87.

And then Professor Card admitted he didn't even finish the job on his virtual ratings analysis because Professor Arcidiacono had pointed out that race affects the overall rating and that race affects the teacher ratings as well.

And yet when I asked him, on the very next page, page 88, Professor Card said -- I said: You were here when Professor Arcidiacono talked about his findings that race influenced those ratings, weren't you?

He said he was here.

Your modified rating analysis did not deploy the teacher ratings, didn't change them.

Correct?

And one other thing about your virtual rating analysis, the overall rating, you didn't use that either?

So you either have to have it one way or the other. You do it the way he said it in his first report, which is that race influences the personal rating. You yank it out just, like you did with the overall rating, or you do a complete virtual ratings analysis where you remove the effect of race from all the ratings. He did not do that. He didn't even try. He did half a loaf. And just like the SAT, your first answer is best. Pull the rating out if race influences it.

And I want to get a little bit to this idea that there's something funny about Professor Arcidiacono's analysis because the same reader is giving Asians a boost on academic and extracurricular and then punishing them through racial stereotyping on the personal score.

That's not true, and Professor Arcidiacono explained as much. He pointed out that unobservables track the observables. So what you see on the right with the academic and EC ratings is what Professor Card admitted to.

All the bumps and arrows, the observable goes in one direction, the race influence goes in the same direction. You see it on the right.

On the left you see the opposite effect in the overall rating and the personal rating. You see the observables go one way for Asian-Americans in the overall rating, but they go -- but the coefficient goes the other way. That's what's proving the Asian penalty.

And simultaneously you see it for African-Americans and Hispanics, proving the existence.

Tips, the tips that are admitted in the overall rating. And Harvard has still — despite the fact Mr. Hughes was talking for a while about it, Harvard has still said nothing about the tips that are blatantly apparent in the personal rating.

I want to go there now and talk about Harvard's denials that race is used in the personal rating.

Mr. Hughes went over OCR and Mr. Looby and the comparison between that evidence and what Harvard's witnesses said in court.

I want to also point out what Director McGrath said

to me the first time she was here. I talked to her about a bunch of people that worked in the admissions office, and I said, Do you know whether this person had used race in the personal rating?

She said she didn't. One of the reasons she didn't is that they didn't have any written guidance. No one could be sure what anyone was doing. I rattled off 29 people or something from the spring of 2011 in our dataset, in our dataset those people, 29 of those people are gone. And Director McGrath had no idea whether they used race in the personal rating. One reason she had no idea is because no one had written anything down about how to do it.

We've shown you the data where African-Americans and Hispanics trounce whites and Asians in the personal rating. Harvard has yet to explain how it is that racial preferences are not being applied in the personal rating. And Mr. Hughes showed you those stunning differences in his slide and showed you the same pattern as the personal rating. That was Slide 19 or 6. I can't tell. I think 6.

All Harvard and Professor Card want to talk about is admitted variable bias and how it might explain the differences between whites and Asians. You've heard absolutely nothing about African-Americans and Hispanics with respect to the personal rating.

And that's important both because if you pull the

rating out, we win, but also because Harvard's failure to dispute the African-Americans and Hispanics get tips proves that Harvard isn't telling the whole truth about the use of race in the personal rating.

If Harvard dissembles and says race is not used at all and we can see that it is, how can we trust them when they say that stereotyping is not lowering the personal ratings of Asians?

And I want to just briefly go through Dr. Card's histograms. I'm showing you DD 10.69. I'm trying to show you DD 10.69. These histograms were used. And I don't know if you notice, this is the school support. This is Dr. Card's cherry-picked set of observables. Not all of them.

Mr. Waxman said all. It's not. I don't know if you noticed, he never put African-Americans or Hispanics on these charts, never once. Because if he did, he would see that his cherry-picked observables do not explain that African-Americans and Hispanics do significantly better than whites on the personal rating. He never once did it.

And Harvard only has one document, the backup document to Dr. Card's slides, Defendant's 692. This is the only document anywhere where they compared anything that might be related to the personal rating for African-Americans and Hispanics.

And when you take a look at it, Your Honor, you can see that in any of these quadrants there is absolutely no explanation when you look at these percentages for why African-Americans and Hispanics do better than whites. They do about the same or sometimes a little bit worse than Asians. They never do better than whites. These data do not explain the racial distribution in the personal rating. And that's because they don't use all the observables.

Professor Arcidiacono created a model that used more of the data. You see this here in Plaintiff's

Demonstrative 40, which I used with Professor Card. Model 5 has all the ratings in it, has the teacher ratings, has the school support, has the alumni interview ratings.

And then Professor Card went out and he added every single variable he could possibly find, and he still couldn't make this go away. He couldn't make the gap disappear. He told me it was statistically significant.

So when you combine on one hand evidence from OCR through the 2012 Harvard letter to OCR saying some readers use race in the personal rating with Mr. Looby telling the truth at his deposition before he spent ten days getting prepped to testify here, and then with Director McGrath's testimony that she had no idea how these 29 people who had left the admissions office who were applying the ratings that are in our dataset used race or not in the personal rating.

And then the sudden need for written prohibitions on using race in the personal rating after 28 years of refusing to write anything down. You combine all that with the powerful statistical evidence Professor Arcidiacono assembled, the evidence is inescapable that race is used in the personal rating.

And if race is used in the personal rating, the statistical battle, Your Honor, is over. There is a statistically significant Asian penalty.

This is a model Professor Card did. It has all the ALDCs. It has parental occupation, intended career. It has every single variable Professor Card wanted to throw in here. It has every interaction he wanted to do, excludes every interaction he didn't want to do. It's a model in every respect the way that Professor Card wants it except one: pull the personal rating out because the evidence is overwhelming that race is influencing it.

Harvard didn't even answer us on how the racial tips be are being applied in the personal rating. Didn't even respond.

I want to touch briefly on Harvard's anecdotal evidence. The war of summary sheets and applications is not helpful to the Court because it doesn't represent an even-handed sampling or cross-section of what looking at all the applications would give us.

Your Honor will recall that each side got to pick applications that were produced. And of course you know we picked based on just the database and the numbers you can see in the database.

Harvard got to look at the applications before they picked them. Got to fully vet and pick out everything it wanted to put in front of you. And then Harvard also got to work with its admissions personnel in the same respect that they worked with Mr. Looby so they worked with them to remember every single detail of these applications that were just a couple of the thousands these admissions officers had reviewed over the past six years.

Anecdotes are not persuasive evidence when Harvard has had the opportunity to cherry-pick and set up testimony on rails about what they got to select for you to see. And even to the extent that anecdotes are relevant, you know, I want to remind you of the professional figure skater in Plaintiff's 116. This is an Asian student that was so cursorily and shabbily treated by Harvard's admissions officers, she was awarded a standard strong and a personal rating of 3, almost as if her application wasn't even read.

I'm going to wrap up pretty soon, Your Honor. And I want to take this opportunity to thank the Court, Joan, Kelly, Karen, the law clerks, Mr. Dereau and the IT staff, and I want to even thank the CSOs and the people down in the

cafeteria. We have never been treated better in any courthouse in America trying a case than we have here. I don't know that I'll ever be treated better again. The experience has been absolutely tremendous.

My partners and co-counsel have given me the privilege of talking last, for which I also thank them.

And I want to talk a little bit about why I am here. I've alluded to it a few times in my more conversational moments. Count I in this case speaks to me because of my personal experience. I'm here because of my three best friends in college: Mike Gomez, Kalpesh Patel, and Saleem Zafar.

They have all have kids my daughter's age. I'm here because of my daughter Juliet's godmothers, Sharon and Diya. They have children my daughter's age, Asian children. Asian children who deserve the same chance to go to Harvard that my white daughter has.

I'm here because of an incredible young
Chinese-American, my friend Rebecca Kuang who was in our
dataset but did not get to attend Harvard. To meet her is to
know that her personal qualities deserved a 1. And that's
before you learn that she wrote her first novel at 19,
recently published.

I am here because I spent a significant chunk of my formative years in China and studying Mandrin back in the

early 1990s when few suburban boys from Milwaukee did such things.

And I'm here on behalf of 20,000 members of Students For Fair Admissions and our standing members who brought this suit.

And even with all that, in another part of my life I have personal experience reviewing paper applications and assessing people based on a written record. People every bit as astounding as those who are on the bubble in applying to Harvard. I look at grades, test scores, recommendations, and I know how hard it is to judge someone's personality from the written record. You have to be vigilant about implicit bias and stereotyping well beyond e-mailing an article around once every few years.

Harvard has not been vigilant and Asian-American applicants paid the price.

Your Honor, I don't envy the job in front of you.

I have no idea how I'd respond to the historic task you have.

But what I do know is that in our judicial system this Court may have the first and last word as a factual matter on what happened here at Harvard, and that's because no one knows what changes in the law are ahead of us as the case moves on.

Your Honor may remember I mentioned in my first cross-examination of Director McGrath the perception that racially charged language, stereotypes, or even

discrimination may be perceived in our country as less important or less harmful when they're directed at Asian-Americans than when directed at other minorities. At some level, this is because of the model minority stereotype and the overrepresentation canard we saw deployed during Professor Arcidiacono's examination.

The question is whether Asian-Americans will be told some time next year that, yes, this did happen here, that racial stereotyping and bias led to a penalty at Harvard, or whether they get the news that even though Harvard's own researchers found an Asian penalty before there ever was a lawsuit, Harvard can pay for enough variables to make it all go away as long as you pretend the personal rating has nothing to do with race that is.

Some day this will be written about in the history books, and those books will say there was Asian discrimination at Harvard. Of that, I'm confident. Those books might say that Harvard let the wolf of racial bias in through the front door, as I put it a few weeks ago and Mr. Lee paraphrased. They might point out that this summer Harvard took a small step to start to close that door.

We hope those books will say this Court slammed the door shut. Thank you, Your Honor.

THE COURT: Thank you, Mr. Mortara.

The Amici closings.

AMICI STUDENT CLOSING ARGUMENT

MS. TORRES: Hi. Genevieve Bonadies Torres, and I represent the --

THE COURT: Voice way up. I can barely hear you and you're facing me.

MS. TORRES: I represent the student Amici in this case. This case may involve Harvard's admissions policy, but the impacts are felt most directly by students. The outcome impacts what students can express and have considered by Harvard and elite colleges across the country. It impacts whether students' experiences will be valid, and it impacts the educational environment students will encounter.

Students are at the heart of the issues in this case, and their testimony is telling both for what the students say and for where they are silent.

The Court did not hear from any of SFFA's students nor review any of their files. The only testimony came from student amici and student organization amici on Monday. And this student testimony and their application files speak to both sets of claims before this Court.

As this Court knows, the first set of claims challenges Harvard's appreciation of race and ethnicity to promote diversity. Here, the students' testimony and application files provide proof that Harvard's use of race is both constitutionally acceptable and wise.

With regard to plaintiff's claim of intentional discrimination, the students' application files illustrate that Harvard's admissions officers view Asian-American ethnicity in a positive light, not a negative one.

I'm going to focus nearly entirely on plaintiff's challenge to race-conscious admissions.

Three weeks ago the plaintiff's counsel stood before you and stated diversity and its benefits are not on trial here. But make no mistake, diversity is what is at stake in this case. That's because SFFA is seeking a remedy where race would be erased in the application process.

This type of erasure threatens to ignore diverse experiences that applicants offer, and it also threatens to suppress diversity on campus. The students spoke to these troubling consequences, and their application files show why such an outcome is not constitutionally required.

Specifically they affirmed that Harvard more than satisfies two aspects of the narrow tailoring standard.

First, individualized review. Our four students' files arguably are the best illustration of what Harvard's admissions officers have said again and again. One, our students and all admitted students to Harvard are exceptional; two, to the extent race is considered, it is one of many factors, and it is only viewed as a positive, including for Asian-American students; three, it is flexibly

applied and not formulaic.

All four of our student amici -- Itzel Libertad Vasquez-Rodriguez, Sarah Cole, Thang Diep, and Sally Chen -- discuss why their racial and ethnic background throughout the application process was important to them. Why? Because it's inextricably intertwined with their experiences and can't be extricated. It's critical to appreciate their achievements and contributions.

Take Thang. He has a strong GPA and commitment to social justice. But in his words "I don't think they can be necessarily understood without taking into account the fact that I moved here when I was eight, I didn't speak English, and I excelled despite the racial prejudice I encountered."

All four of the application files show that race was only considered alongside a multitude of other factors and never provided any preset advantage or disadvantage.

Take Itzel's application. The extensive comments in her file make it clear that her admission was based upon having multiple strengths. Her file was marked up with notes about how she has a strong set of AP scores, how she was demonstrably a hard worker with a nearly perfect GPA, how she was editor of her newspaper, how she had athletic success as a runner, and how her guidance counselor highlighted her "electric personality."

While there is reference to her ethnicity, she is,

quote, connected with her heritage after a period of disconnect. This appears alongside the variety of other strengths Itzel offers.

Importantly, our students' files show that this limited, positive consideration of race is equally applied to students of Asian-American heritage. Like Itzel, Sally and Thang also received positive comments by Harvard's reviewers associated with their racial and ethnic backgrounds.

For Thang, the same reviewer who noted his Vietnamese identity and use of pencils to improve his English also positively noted his commitment to pushing himself academically and socially.

For Sally, the interviewer noted how her upbringing in a culturally Chinese home where she served as a translator reflected positively on her responsibility to take care of others.

The students' files and testimony also show that having a relatively lower academic score does not make an applicant academically unqualified or undeserving in admission.

Three of our four students received an academic rating of a 3 or a 3+ despite stellar accomplishments. Sarah received straight As and A-pluses at a premiere prep school. Itzel took 10 AP tests and scored the top score on 7. And Thang was valedictorian at an intensive magnet program.

Proof that they were academically qualified, they thrived at Harvard and beyond, becoming, in Harvard's words, citizen leaders.

Sarah graduated with a 3.6 GPA and has committed herself to serving our public school system. Itzel graduated cum laude with a 3.7 and now serves as a California assembly fellow. Indeed, our students are a reminder that merit cannot be measured by academic ratings. Their contribution to Harvard's campus were extensive, and some of those contributions did flow from their perspectives as ethnoracial minorities.

For example, Sarah led the Black Students
Association during a time when Harvard, like our country, was
grieving the slew of police shootings of black people. In
this role, she worked with Harvard's administrators and white
student groups, Latino student groups, and others to help
them, quote, think through just what was black lives matter
and how they could be better allies.

She responded to calls from Dean Khurana to draft emails for the entire student body to guide them and console them in the aftermath of yet another shooting. Her actions took time and represent tangible contributions. Indeed, she recounted how countless classmates and professors thanked her for sharing her perspective shaped by her race.

There is nothing wrong with an admissions system

valuing this along with the myriad of other contributions Sarah offered.

Our students' files put on full display that
Harvard is genuinely engaged in an individualized review that
values all ethnoracial backgrounds, whether Chinese or
Chicana, and that it does so in a limited, flexible way to
develop a class that is diverse across a range of dimensions.

Moving on to the second aspect of narrow tailoring that students affirm, there is no workable race-neutral alternative available because such alternatives reduce the depth of diversity on Harvard's campus. This is clear from what's undisputed at trial.

Harvard's counsel talked about this briefly, but I'll just restate because it's important to the students that there is no dispute that if you ended the consideration of race, the number of black, Latinx, and other minority students would plummet by about 50 percent in terms of sheer numbers.

Plaintiffs have tried to soften the blow with their proposed race-neutral alternatives, but even their preferred alternative would cause the number of admitted African-American students to drop by about 30 percent in terms of numbers.

More than this, the students have offered undisputed testimony that these projections likely

underestimate the actual decline. The students testified that if Harvard stopped considering race, it's likely that, one, fewer students of color would apply.

You heard Itzel forthrightly state, "Honestly I probably would not have applied to Harvard if they didn't take race into account." And Sarah Cole affirmed that this type of likelihood by saying that it would signal to students that they weren't welcome and reduce applications from students of color.

Two, testimony also suggested that fewer students of color would accept. Sarah testified that her choice to accept Harvard's offer was substantially influenced by encountering a strong presence of other black students on Harvard's campus. If that presence declined, there's a substantial risk that the acceptance rate would decline, too.

The plaintiff's expert on race-neutral alternatives, Richard Kahlenberg, tried to downplay this decline in two ways: First, he emphasized how his alternative would yield greater socioeconomic diversity. But all four student amici testified that the educational benefits that flow from socioeconomic diversity cannot be equated with those flowing from racial diversity.

As Itzel expressed, ethnoracial diversity is something that's more visibly salient. "When I walked through campus, I didn't feel judged or discriminated against

because of my socioeconomic status. I felt discriminated against because of my ethnoracial identity."

Itzel shared that it was only in spaces with Latinx and Native American students that she felt that she could, quote finally breathe. Socioeconomic diversity does not on its own provide that space.

Second, Kahlenberg downplayed this decline by emphasizing how the overall numbers of black, Latinx, and other minority students stayed relatively steady, but this ignores other dimensions of diversity.

Overall representation is important, but so is the representation of each particular racial group. A decline in any one group can be problematic, and this is particularly true when that group is already marginalized and relatively low in numbers.

Take Sarah Cole's experience. When Harvard's newspaper published an article saying that, quote, admitting black students to Harvard is like teaching a blind person to be a pilot. At that moment and the many others when Sarah encountered racial prejudice specifically targeted at the black community, it was the strong presence of other black students on Harvard's campus that mattered to Sarah. There needed to be enough in terms of numbers for her to, quote, lean on and form a true community.

And it was this support system that allowed Sarah

and other black students to, quote, remain steadfast in our confidence and thrive, despite bigoted comments that they and an entire race of people did not deserve to be at Harvard.

Interracial diversity represents another concern. As the amici organization member Madison Trice reflected, she and other students have benefited from having, quote, every nearby of black identity celebrated, and so it has a space on campus. It's this diversity within the black students that makes it, quote, harder to have stereotypes because you can learn about the different shapes that blackness can take.

A 30 percent reduction in the number of black students would likely reduce such interracial diversity, as would Kahlenberg's mechanical race-neutral preferences across all racial groups.

And the harms would flow to all students, including white and nonwhite students. Such a reduction would, even if limited to the black community, be, in the words of Itzel, fairly catastrophic.

As a Vietnamese student, Thang similarly shared a 30 percent decline in the black student population would, quote, hurt his education dramatically, as the efforts led by black students have allowed him to better, quote, understand issues affecting a different community and better understand his own.

Turning very briefly to plaintiff's claim that

Harvard intentionally discriminates against Asian-Americans, the student amici observed that Sally and Thang's admissions files strongly indicate Harvard is only considering race in a positive light.

Both Sally and Thang openly and extensively discussed their ties to their Asian heritage. Both files contain comments indicating their ethnic identities were seen as a strength, and both received personal scores of 2 or a 2-, relatively high scores.

Sally and Thang's files show that Harvard's policy of appreciating race in admissions is not discriminating against Asian-Americans. In fact, it oftentimes helps such applicants and can cultivate diversity within the admitted group of Asian-American students by appreciating distinctions in their immigration and cultural histories.

Sally's testimony serves as a reminder that a policy that appreciates race is one of many factors is just as important for applicants from culturally Chinese homes. As Sally stated, quote, I decided to write about being Chinese-American and being from a working-class immigrant family precisely because I felt like stories like mine were fading under this model minority myth.

She continued, "I think that there was no way in which flat numbers and a resume could have gotten across how much of a whole person that I am. And I that that it's truly

incredible to have been seen and have been heard for who I am and valued for it."

On behalf of all of our students, I thank this

Court for letting them share their stories about how this

policy has positively impacted them and better prepared them

to positively impact others. Thank you.

THE COURT: Thank you, Ms. Torres.

MS. McCLELLAN: May I proceed, Your Honor?

THE COURT: Yes. Get that microphone right up to your mouth.

ORGANIZATION AMICI CLOSING ARGUMENT

MS. McCLELLAN: Good afternoon, Your Honor, counsel. My name is Cara McClellan, and I represent 25 Harvard student and alumni organizations as amici curiae in support of Harvard's ability to consider race as one of many factors in its holistic admissions process.

In the words of Dean Fitzsimmons, race is one part of a person's life that may lead that person to be a great educator of others, about how to be a good citizen and citizen leader, not just at Harvard, but later.

During this divisive time for our country, the need for citizen leaders, educated in diverse settings, remains as urgent as ever. My clients include thousands of Harvard students and alumni who are black, white, Latinx, Native American, and Asian-American. Some grew up in public housing

and were the first in their families to attend college.

Others come from families that have achieved financial success and impressive educational credentials yet still experience the effects of persistent racial discrimination in our country.

You have heard from: Professor Margaret Chin, a Chinese-American alumna, a founding board member of the Coalition For a Diverse Harvard, and a member of the Harvard Asian-American Alliance.

Catherine Ho, a Vietnamese-American sophomore and copresident of the Harvard-Radcliffe Asian-American woman's association.

Madison Trice, a black sophomore, political action chair of the Association of Black Harvard Women, and a member of the Harvard-Radcliffe Black Students Association.

And Cecilia Nunez, a black and Mexican-American junior, vice president of Fuerza Latina, and a board member of the Phillips Brooks House Association.

You have also heard from four additional Harvard students and alumni: Itzel Libertad Vasquez-Rodriguez, Sarah Cole, Thang Diep, and Sally Chen.

In contrast, no students have come forward to testify in support of ending race-conscious admissions.

SFFA has not met its burden of proving that Harvard can fulfill its educational admission which requires that it

put together an exceptional, racially diverse class without considering race.

Instead the stories that you heard this past Monday from Harvard students and alumni first demonstrate that race is an indelible part of their lives, their educational experiences, and their long-term professional goals.

Second, each witness described how black, Latinx, and Asian-American students and alumni and the organizations they form are indispensable to Harvard's ability to reap the educational benefits of diversity.

And third, their testimony also made clear that the dramatic reduction of black and Latinx students on campus from the loss of race conscious admission estimated at 50 percent would be devastating for all Harvard students.

As one of my clients, Catherine Ho, put it, diversity allows for more opportunities to organically learn from other people, listening to their stories and listening to their perspectives.

But if their perspectives and stories aren't present on campus, who are we supposed to be learning from?

First, the evidence unequivocally shows that race-conscious admissions must be preserved to completely and holistically evaluate individual student applicants.

For many students of color, early experiences related to race are a formative part of their identity, and

they include this in their application.

For some, memories of discrimination or observed inequality are at the root of what motivates them to work hard and to advocate for change. This is evident in the amici witnesses testimony about their educational experiences in college application essays.

identity is a core part of who she is and became the focus of all three personal essays she submitted to Harvard. In one essay, the Vietnamese language, a language that has no past tense, provided a metaphor for how she understands her parents don't-look-back attitude. As refugees from Vietnam, her parents overcame many barriers. Their strength is what drives her to push forward despite obstacles.

When Catherine viewed her application file and learned that her Vietnamese heritage was an aspect of her identity that Harvard valued, she rushed to tell her father. Although her father's refugee story is not always appreciated, she believes she carries important lessons because of this history, a contribution the Harvard admissions committee recognized she would bring before she even arrived.

In addition to impacting the development of applicants' individual identity, race systematically impacts the opportunities and resources that applicants can access

before they apply to college. Too often the resources available in a school correlate with the racial makeup of the school.

Sarah Cole described how her predominantly white college prep school included standardized test prep in its curriculum, while her friends at the majority black local public high school were offered no such opportunities.

As Tia Marie Ray, director of the undergraduate minority recruitment program, explained, Harvard recognizes that resources impact students' performance on SATs. Even in wealthy, high-performing schools, students of color face bias that can limit academic opportunities.

Madison Trice testified about facing the bigotry of low expectations. Her elementary school teacher discouraged her from entering her school's gifted program, despite her excellent grades, until her parents intervened to challenge an arbitrary entrance examination and requirement that only seemed to apply to her, the so-called 10 perfect score rule.

Once enrolled in more advanced courses, Madison spent most of her academic life as one of the only black students in her class, facing bullying and social isolation because she was different.

As Dean Fitzsimmons' testimony made clear,

Madison's experience is not uncommon. Many students of color
who apply to Harvard come from academic environments where

they feel isolated as minorities and write about this experience to help the admissions office contextualize the, quote, persistence, courage, and self-confidence that went into their remarkable achievements.

Indeed, Madison wrote in her personal essay that the different treatment she endured led to her aspirations to pursue a career in foreign service and work on behalf of marginal communities experiencing oppression abroad.

Preventing her from speaking about her race would inhibit her ability to fully describe what motivates her intellectual and professional ambitions.

SFFA would prohibit universities from considering race as part of a holistic review while allowing colleges to consider other aspects of an applicant's identity such as socioeconomic status, gender, sexual orientation, or their disability. However, pretending to be race blind when reviewing applications will only disadvantage applicants of color, including Asian-American students whose full stories would be ignored.

Second, amici witnesses' testimony provides real life validation for why the Supreme Court has repeatedly affirmed that the pursuit of the educational benefits of diversity is a compelling interest that colleges and universities may seek. As the Supreme Court recognized in Fisher, a diverse student body promotes cross-racial

understanding and the lessening of racial isolation and stereotypes.

At Harvard, student affinity groups help facilitate these benefits by advocating for inclusivity and creating opportunities for students of all backgrounds to engage in cross-cultural exchange. Affinity of groups provide critical support that allow students of color to feel comfortable being their authentic selves. This happens when a student who was once bullied for being different opens the Association of Black Harvard Women survival guide and reads that black hair is beautiful and versatile.

Cultural organizations also challenge the broader Harvard community to become more culturally literate and respectful of difference. Like when La Fuerza successfully advocated for more culturally competent mental health providers on campus or when the Asian-American Women's Association hosted a workshop to address anti-black bias.

Diversity within the vibrant affinity groups on campus matters. It relieves students of color from feeling like representatives of their entire race and allows flexibility to explore different aspects of their identity and culture. It combats stereotypes as students see multiple representation of what it means to be a particular race.

Importantly, diversity within groups requires a holistic approach that considers the multifaceted identities

of applicants beyond just checking a box. By serving Harvard for decades in this way, affinity groups and the individual students who form them improve the community's critical thinking skills, communication skills, and civic engagement, among other things.

Unfortunately, without race-conscious admissions, a substantial reduction in black and Latinx students would threaten the continued existence of cultural organizations and the benefits they provide. Some organizations would have to reduce the size of their leadership boards or the programming they offer.

Other organizations and their subgroups would suffer such a stark reduction in their membership that they would cease to exist or no longer have the capacity to be effective.

Because collaboration across organizations is essential, even organizations whose membership ranks are not significantly reduced would no longer be able to provide the same experiences for their members and for the larger Harvard community.

As Cecilia Nunez testified, the idea that there would be a much smaller pool of Latinx students on campus is concerning as it calls into question whether Fuerza Latina as an organization can exist. In addition, she continued, it would impact the well-being of our constituents. That could

mean even more students feeling that much more alone on campus.

As student amici pointed out, the witnesses we heard from explained that racial diversity was a crucial factor in why they applied to and ultimately decided to attend Harvard.

For Professor Margaret Chin, Harvard was not even on her radar until she attended a college fair in Chinatown and heard from Asian-American Harvard students that she should apply.

Roger Banks, who served as director of the undergraduate minority recruitment program for 20 years, explained that, quote, typically the leaders of various minority groups and communities on campus became recruitment coordinators and host students during Visitas, a prospective student weekend. This allows students to, quote, really see what its like as a student of color at Harvard.

Cecilia Nunez considered it very important to be in a school that had a diverse student body. Visiting Harvard during Visitas weekend affirmed that Harvard would be a good fit.

While the undergraduate minority recruitment program is a key tool, what ultimately attracts many students of color to Harvard is the diversity itself. Without this diversity, admissions officers and student ambassadors could

not be as persuasive and successful in their recruitment efforts.

As Cecilia explained, "If Harvard hadn't felt like it was a space that would be welcoming to people of color and if it hadn't felt like a very diverse space, it probably would have affected my decision to go."

The diversity attained through race-conscious admissions must be preserved in order to attract future classes of diverse students.

Finally, our witnesses' testimony makes clear that Dr. Kahlenberg is wrong. Race-neutral alternatives cannot provide meaningful full diversity, and the educational benefits currently conveyed would be lost under an admissions program that does not actually consider race.

In all of Kahlenberg's simulations of race-neutral alternatives, the racial group that bore the greatest burden was black students. The percentage of black students declined dramatically in each simulation. And in some, the result was a 40 percent reduction of the number of black students on campus.

Dr. Kahlenberg did not talk to a single Harvard student or faculty member about how a reduction of black students would affect the quality of a Harvard education.

But Your Honor has had the benefit of hearing from eight amici witnesses, each of whom testified that a loss of

black students of this magnitude would fundamentally alter the educational experience for all students.

In addition, each amici witness testified that while socioeconomic status is important, it is not a substitute for understanding and addressing race.

Race remains a visible marker that cannot be ignored. Cecilia Nunez described how she faced bias growing up that was based on race and entirely unrelated to her socioeconomic status. She grew up in an upper middle class family, her parents are both doctors, yet people often assumed that her family wasn't educated or -- and I'm quoting -- that they were in some way less than other families in their city.

In elementary and middle school, classmates were not allowed to come over to play at her house because their parents made false assumptions that her family would be a bad influence. Assumptions like these are wrong regardless of a family's socioeconomic status, but Cecelia's experience show how these assumptions persist for families of color, even when they've achieved financial comfort.

Importantly, Dr. Kahlenberg parts ways with SFFA. It acknowledges that racial discrimination faced by applicants of color should be considered as part of the admissions process, and he further concedes that employing race is, by definition, the most efficient method of

promoting racial diversity. On this point, we agree.

Behind the dueling statistical models in this case are real people directly impacted by Harvard's race-conscious admissions policy. Students and alumni for whom diversity and inclusion that it fosters remain a pressing concern that cannot be taken for granted.

We heard painful stories that show the harsh ways race continues to impact the experiences of Harvard students. A Chinese-American student assumed to be a tourist and asked to leave the common room. A black student labeled threatening and treated violently by Cambridge police. A group of Latinx students called wetbacks while walking around campus with friends.

The stereotypes and prejudice experienced by these students varied, but the hostile and alienating message was always clear. Students and alumni who have been committed to diversity and inclusion for decades, like Professor Chin, advocate for race conscious solutions.

Plaintiffs mention Dr. Chin's article from 35 years ago but failed to mention its conclusion that race-conscious solutions are necessary to address any bias against Asian-American applicants.

Your Honor has also heard stories of the transformation that happens when some of our country's brightest young people have the opportunity to engage with

classmates who are different from them, sometimes for the first time in their lives.

The benefits of diversity can be found in the late-night conversations between two roommates. One black whose family is from Ghana, one Asian-American whose family is from Vietnam, assigned to live together in a dorm room where they fall asleep talking to each other at night.

For Catherine Ho, the experience of living with her roommate opened her eyes to how police brutality impacts black students, making her personally connected to a social problem from which she previously had the privilege of being relatively removed.

Harvard has embraced its educational mission of preparing the future citizen leaders of our country to address the enduring schisms and problems that plague our society. How, Dr. Ruth Simmons asked, can we expect our future leaders to remediate these schisms if we don't prepare them to do so?

Similarly, as a leader in the Phillips Brooks House Association, Cecilia Nunez explained that, quote, it's very important that we have people who understand our constituents' diverse experience. Her comments referred to her volunteer activities, but the same principles apply to the future work of citizen leaders after college.

Harvard's diversity puts students in an environment

where people of different backgrounds stop being faceless others and become classmates, teammates, lab partners, and friends. In this process, stereotypes are undermined, cross-cultural relationships grow, and deeper understandings of complex social problems are formed.

The testimony you have heard makes clear, racial diversity is one of the most meaningful aspects of the preparation that Harvard students receive. Harvard must be permitted to pursue the benefits of diversity if it is to fulfill its educational mission. Thank you.

THE COURT: All right. Thank you all.

I think what remains is a schedule for findings of fact and conclusions of law. Do you want to submit that in the next few days? Does that make the most sense?

MS. ELLSWORTH: Yes, Your Honor. We can confer with SFFA and submit something in writing if that works for you.

THE COURT: Welcome back, Mr. Consovoy. Your voice has been missing.

So we have finished. I know I said this at the midpoint, but I really want to thank you all. To echo something that Mr. Mortara said, I really feel privileged to have participated in a trial where the lawyering by everybody, the lawyer for both parties and the amici, has been so exceptional.

I don't know if I will have another case in my career where I can say that the presentation has been as exceptional and professional and thoughtful as it has been in this case. So I want to thank you for all of that.

Obviously the issues raised by this case are incredibly important both for the parties to the case but also sort of for the world, or at least for students in the United States. And I take the charge seriously and will wait for your findings of fact and conclusions of law.

And we'll have another closing session. I suspect that most of you know in this courtroom how difficult it is to try the hours we've been trying and keep the rest of the docket afloat. So my thanks also to Joan and Karen and the law clerks who have all been exceptional throughout this.

But again, I really can't compliment you enough for the job that's been done throughout this trial. It's really been a privilege. And I hope that our final work product on it is worthy of the effort that you all have put into it. So thank you very much.

We will reconvene, but in the meantime the case is recessed.

(The Court adjourned at 2:25 p.m.)

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2	CERTIFICATION
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4	I certify that the foregoing is a correct
5	transcript of the record of proceedings in the above-entitled
6	matter to the best of my skill and ability.
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10	/s/ Joan M. Daly November 2, 2018
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12	Joan M. Daly, RMR, CRR Date
13	Official Court Reporter
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